

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

C Number: C60991B
Lock Date: 06/12/1996
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 07/22/1998

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 604
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Alveolar/Bronchiolar Carcinoma Hyperplasia	Metastatic (Lung) Mild
* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Islets, Pancreatic		Hyperplasia	Moderate
	[Hyperplasia TGLS = 4-4: Hyperplasia, Moderate]		
* Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]	Inflammation	Chronic Active, Minimal
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-2: Alveolar Bronchiolar Carcinoma]		
* Lym Node Mesen			
	Note: TGL#3-4: Enlarged mesenteric lymph node, documented at necropsy, is metastatic alveolar bronchiolar carcinoma involving pancreas.		
* Pancreas		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-4: Metastatic Alv Bron Carcinoma, Lung]		
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
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Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 604
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504541

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Heart Alveolar/Bronchiolar Carcinoma Lung;Liver Hepatocellular Carcinoma;Lung Mediastinum Alveolar/Bronchiolar Carcinoma Lung;Pancreas Alveolar/Bronchiolar Carcinoma Lung		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Duodenum	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
Note: TGL#1-3-NCL: Focus, documented at necropsy, not apparent on slide #03. [Clear Cell Focus TGLS = 1-4: Clear Cell Focus]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol

CAS Number: 93-15-2

Date Report Requested: 10/22/2014

Time Report Requested: 00:02:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Ileum	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

Harderian Gland [Adenoma TGLS = 1-9: Adenoma]		Adenoma	
* Int Lg Colon Note: Colon on slide #03.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Hepatocyte	Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 4-2]		Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 4-4]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lym Node Mesen Note: Mesenteric lymph node on slide #03.			
* Preputial Gland [Cyst TGLS = 2-8: Cyst, Moderate]		Cyst	Moderate
* Sem Ves Note: TGL#3-6-NCL: Red discoloration, documented at necropsy, due to engorgement with secretion.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
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Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504544

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 537
DOSE: 0 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
	[Nephropathy TGLS = 2-3: Nephropathy]		
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
	Note: TGL#4-3-NCL: Nodule, noted at trim, not apparent histologically.		
	[Hepatocellular Adenoma TGLS = 5-9: Hepatocellular Adenoma]		
	[Hepatocellular Carcinoma TGLS = 3-9]		
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Prostate			
	Note: Prostate gland is hemorrhagic.		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Ectasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 537
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504545

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth Malformation

* Urin Bladder

Note: TGL#1-3-NCL: Urinary bladder distended but mucosa normal histologically.

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 732
DOSE: 0 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Clear Cell Focus TGLS = 1-3: Clear Cell Focus]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3,4-9+2+4+3: Hepatocellular Adenoma, Multiple]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Prostate		Carcinoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			
Note: TGL#1-6-NCL: Enlargement, documented at necropsy, due to engorgement with secretion.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Minimal
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 730
DOSE: 0 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
	[Cyst TGLS = 1-3: Cyst, Cortex, Mild]		
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 3,4-4+10]		
	[Hepatocellular Carcinoma TGLS = 2-9]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Cyst	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504548

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9504549
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 2,3-4+9: Hepatocellular Adenoma, Multiple]	Vacuolization Cytoplasmic	Moderate
	[Mixed Cell Focus TGLS = 4-3: Mixed Cell Focus]		
* Lymph Node, Mesenteric		Hemangiosarcoma	
Mesentery		Hemangiosarcoma	Metastatic (Lymph Node, Mesenteric)
		Thrombosis	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Sem Ves			
Note: TGL#1-6-NCL: Enlargement, documented at necropsy, due to engorgement with secretion.			
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 554

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
Note: TGL#2-3-NCL: Focus, noted at trim, not apparent histologically. [Hepatocellular Adenoma TGLS = 1-9: Hepatocellular Adenoma]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
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Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		[Eosinophilic Focus TGLS = 3-2]	
		[Hepatocellular Adenoma TGLS = 1-9]	
		[Mixed Cell Focus TGLS = 2-4: Mixed Cell Focus]	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Mild
* Preputial Gland		Inflammation	Chronic Active, Marked
	[Inflammation TGLS = 1-8: Inflammation, Chronic Active, Marked]		
* Thymus		Cyst	Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-3]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 3-3: Hepatocellular Adenoma]		
	[Mixed Cell Focus TGLS = 2-4: Mixed Cell Focus]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic Active, Mild
	[Alveolar/Bronchiolar Adenoma TGLS = 1-9: Alveolar Bronchiolar Adenoma]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2,3-9+3: Hepatocellular Adenoma, Multiple]		
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Cyst	Mild
	[Cyst TGLS = 1-8: Cyst, Mild]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 583

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Cecum		Carcinoma	
* Islets, Pancreatic		Hyperplasia	Moderate
[Hyperplasia TGLS = 3-4: Hyperplasia, Moderate]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Mixed Cell Focus	
Note: No focus observed on slide #03.			
[Mixed Cell Focus TGLS = 2-4: Mixed Cell Focus]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Prostate		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			
Note: TGL#1-9-NCL: Distended with secretion - normal histologically.			
* Thymus		Cyst	Mild
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 583

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504556

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Intestine Large, Cecum Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* 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	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Suppurative, Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* 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			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-9: Hepatocellular Adenoma]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-9]		
* Nose		Inflammation	Suppurative, Mild
		Polyp, Inflammatory	Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol

CAS Number: 93-15-2

Date Report Requested: 10/22/2014

Time Report Requested: 00:02:59

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
 * Brain
 * Heart
 * Intestine Small, Duodenum
 * Lymph Node, Mandibular
 * Parathyroid Gland
 * Seminal Vesicle
 * Stomach, Glandular
 * Urinary Bladder

Blood Vessel
 * Epididymis
 * Intestine Large, Cecum
 * Intestine Small, Ileum
 * Lymph Node, Mesenteric
 * Pituitary Gland
 * Skin
 * Testes

* Bone
 * Esophagus
 * Intestine Large, Colon
 * Intestine Small, Jejunum
 * Nose
 * Preputial Gland
 * Spleen
 * Thymus

* Bone Marrow
 * Gallbladder
 * Intestine Large, Rectum
 * Lung
 * Pancreas
 * Prostate
 * Stomach, Forestomach
 * Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
 * Islets, Pancreatic
 * Kidney

 * Liver

Subcapsular

Hyperplasia
 Hyperplasia
 Infiltration Cellular
 Nephropathy
 Clear Cell Focus
 Hepatocellular Adenoma
 Inflammation

Minimal
 Mild
 Lymphocyte, Minimal
 Minimal

 Chronic Active, Minimal

[Clear Cell Focus TGLS = 1-3+4]

[Hepatocellular Adenoma TGLS = 1-4: Hepatocellular Adenoma]

* Salivary Glands
 * Thyroid Gland
 Tooth

Follicular Cel

Infiltration Cellular
 Carcinoma
 Inflammation
 Malformation

Lymphocyte, Minimal

 Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adren Cortex			
Note: Only one adrenal gland available for histological examination.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Nose		Inflammation	Suppurative, Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 1,2-4+9: Hepatocellular Adenoma, Multiple]		
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	Metastatic (Skeletal Muscle)
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
[Mixed Cell Focus TGLS = 2,3-10+11: Mixed Cell Focus]		Mixed Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Hemangiosarcoma	
Note: TGL#4-9: Hemangiosarcoma involves skeletal muscle and retroperitoneal connective tissue and fat. Invading spinal nerve and marrow space of thoracic vertebrae.			
[Hemangiosarcoma TGLS = 4-9: Hemangiosarcoma]			
* Stomach, Glandular		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504562

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Malformation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Methyleugenol
 CAS Number: 93-15-2

Date Report Requested: 10/22/2014
 Time Report Requested: 00:02:59
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder	Zymbal's Gland	

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
		Pigmentation	Hemosiderin, Minimal
[Hepatocellular Adenoma TGLS = 4,5,6,7-4+10+2; Hepatoclr Aden, Multiple]			
[Hepatocellular Carcinoma TGLS = 2,3-9+11: Hepatocellular Carcinoma]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Inflammation	Chronic Active, Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504563

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular Tooth	Ectasia Malformation	Minimal
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-9: Hepatocellular Adenoma]		
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 540

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Necrosis	Mild
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Mild
* Lung	[Alveolar/Bronchiolar Carcinoma TGLS = 1,2,3-9+11+10: Alv Bron Carc, Multiple]	Alveolar/Bronchiolar Carcinoma	Multiple
* Nose		Inflammation	Suppurative, Mild
* Salivary Glands		Atrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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OBSERVATIONS

* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
[Cyst TGLS = 1-3: Cyst, Cortex, Mild]			
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-4: Hepatocellular Adenoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
Tooth		Odontoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-9: Hepatocellular Adenoma]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild
* Thymus		Cyst	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		[Hepatocellular Adenoma TGLS = 1,2,3,4:4+3+9+10: Hepatocellular Adenoma, Multiple]	
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Infiltration Cellular	Mast Cell, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-2+9+3: Hepatocellular Adenoma, Multiple]			
* Lung	Bronchiole	Hyperplasia	Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
		Hyperplasia	Squamous, Moderate
		Inflammation	Chronic Active, Mild
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 430

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Fibrosis	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Pigmentation	Hemosiderin, Mild
	[Hepatocellular Adenoma TGLS = 1-9: Hepatocellular Adenoma]	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Necrosis	Mild
* Spleen	Lymph Follic	Necrosis	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* 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	* Nose	* Pancreas
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Epididymis		Infiltration Cellular	Lymphocyte, Mild
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-3: Mixed Cell Focus]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 1
DOSE: 0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST: 580
HISTO: 9504573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Marked
	[Hepatocellular Carcinoma TGLS = 2-9: Hepatocellular Carcinoma]		
Lymph Node	Mediastinal	Necrosis	Mild
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
		Necrosis	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-4: Hematopoietic Cell Proliferation, Mild]		
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8: Cyst, Moderate]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Necrosis	Mild
* Thymus	Thymocyte	Necrosis	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 693

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Note: TGL#3-3-NCL: Tissue somewhat autolytic which probably accounts for pale discoloration observed at necropsy.			
* Liver	Hepatocyte	Hepatocellular Adenoma	
		Necrosis	Minimal
[Hepatocellular Adenoma TGLS = 2-3: Hepatocellular Adenoma]			
* Prostate		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			
Note: TGL#1-6+9-NCL: Distended with secretion - normal histologically.			
* Spleen	Lymph Follic	Necrosis	Mild
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-7]			
* Urin Bladder			
Note: TGL#5-3-NCL: Urinary bladder distended but mucosa normal histologically.			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma
CONTRIBUTORY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
* Pancreas	Acinus	Atrophy	Mild
		Inflammation	Chronic Active, Mild
* Preputial Gland		Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal

[Cyst TGLS = 1-8: Cyst, Mild]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
<p>Note: Hepatocellular Adenoma, not observed grossly, also on slide #03. [Hepatocellular Adenoma TGLS = 1-4: Hepatocellular Adenoma, Multiple]</p>			
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Mild
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Cyst	Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder	Zymbal's Gland		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Note: Only one adrenal gland available for histological examination.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Pancreas		Cyst	Mild
* Sem Ves			
Note: TGL#1-6-NCL: Enlargement, documented at necropsy, due to engorgement with secretion.			
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-9: Malignant Lymphoma, Peyers Patch]		
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
	[Nephropathy TGLS = 1-3: Nephropathy, Minimal]		
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
	[Eosinophilic Focus TGLS = 5-9]		
	[Necrosis TGLS = 2-3: Necrosis, Hepatocyte, Mild]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-10: Malignant Lymphoma]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Jejunum		Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 1-4+9: Clear Cell Focus]			
[Hepatocellular Adenoma TGLS = 3-4]			
[Hepatocellular Carcinoma TGLS = 2-9]			
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic Active, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2]		
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-3: Hemangiosarcoma]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 570

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Preputial Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9: Adenoma]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 5-3: Inflammation, Suppurative, Moderate]			
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Moderate
		Pigmentation	Hemosiderin, Moderate
* Lung			
Note: Leukocytosis involving alveolar wall capillaries.			
Lymph Node	Lumbar	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 7-10: Hyperplasia, Plasma Cell, Moderate, Renal]			
[Hyperplasia TGLS = 6-9: Hyperplasia, Plasma Cell, Moderate, Lumbar]			
* Lymph Node, Mesenteric		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 570
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504581

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Hemangiosarcoma	Metastatic (Spleen)
* Seminal Vesicle		Hematopoietic Cell Proliferation	Mild
* Spleen		Inflammation	Chronic Active, Mild
		Inflammation	Suppurative, Marked
	Red Pulp	Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 3-3: Hemangiosarcoma]	Hematopoietic Cell Proliferation	Moderate
Tooth		Malformation	
* Urinary Bladder		Inflammation	Chronic Active, Moderate
	[Inflammation TGLS = 4-3: Inflammation, Chronic-Active, Moderate]		

PRIMARY CAUSE OF DEATH	- Spleen	Hemangiosarcoma		
CONTRIBUTORY CAUSE OF DEATH	- Kidney	Inflammation;Seminal Vesicle	Inflammation;Urinary Bladder	Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		[Eosinophilic Focus TGLS = 3-3]	
		[Hepatocellular Adenoma TGLS = 1,2,4-4+2: Hepatocellular Adenoma, Multiple]	
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Parathyroid Gland	* Prostate	* Seminal Vesicle	* Skin
Spinal Cord	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Mild
	[Hepatocellular Adenoma TGLS = 4,5-9+4]		
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-4: Malignant Lymphoma]		
* Nose		Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			
	Note: TGL#1-10-NCL: Discoloration, documented at necropsy, due to engorgement with secretion.		
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-3: Malignant Lymphoma]		
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504583

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Cyst

Minimal

Tooth

Malformation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 670

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Atrium	Thrombosis	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-2+4: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-3+9: Hepatocellular Adenoma, Multiple]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Marked
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
[Basophilic Focus TGLS = 5-10]			
[Hepatocellular Adenoma TGLS = 3,4-11]			
[Hepatocellular Carcinoma TGLS = 2-9: Hepatocellular Carcinoma]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 6-8: Cyst, Moderate]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504587

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Interstit Cell

Adenoma

[Adenoma TGLS = 1-6: Adenoma, Interstitial Cell]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Zymbal's Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Mild Minimal
* Liver		Basophilic Focus Hepatocellular Carcinoma Infiltration Cellular Inflammation	Lymphocyte, Mild Chronic Active, Minimal
	[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 1
DOSE: 0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST: 477
HISTO: 9504589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Inflammation	Chronic Active, Mild
	[Hepatocellular Carcinoma TGLS = 1-9]	Necrosis	Marked
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-2: Alveolar Bronchiolar Adenoma]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Duodenum		Polyp Adenomatous	
	[Polyp Adenomatous TGLS = 3-9: Adenomatous Polyp]		
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-9+3: Hepatocellular Adenoma, Multiple]		
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 593

DOSE: 37 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
* Nose		Inflammation	Suppurative, Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Cyst	Minimal
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
	Pelvis, Transit Epithe	Hyperplasia	Minimal
	Papilla	Mineralization	Moderate
	Papilla	Necrosis	Marked
* Liver	Bile Duct	Cyst	Mild
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3,4,5,6-9+4+11+10+3: Hepatoclr Adenoma, Multiple]			
* Lung		Osteosarcoma	Metastatic (Uncertain Primary Site)
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 7-10: Squamous Cell Papilloma]			
* Stomach, Glandular		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504593

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Cyst

Minimal

Tooth

Malformation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 670

DOSE: 37 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Heart	Atrium	Thrombosis	Marked
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
	[Hepatocellular Carcinoma TGLS = 1-2+4: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-2: Hepatocellular Carcinoma]		
* Nose		Inflammation	Suppurative, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Heart Atrium Thrombosis;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
[Hepatocellular Adenoma TGLS = 1-2+3+4+9: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-10: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 4-2: Metastatic Hepatocellular Carcinoma, Liver]			
Lymph Node			
Note: TGL#3-11-NCL: Lumbar lymph nodes considered to be within normal size limits histologically.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Moderate]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55	TRT#: 3 DOSE: 37 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9504595
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ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Atrophy Ectasia Inflammation	Minimal Minimal Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 37 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 1-3: Hepatocellular Adenoma]		
* Nose		Inflammation	Suppurative, Mild
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Methyleugenol
 CAS Number: 93-15-2

Date Report Requested: 10/22/2014
 Time Report Requested: 00:02:59
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 1,2-4+2: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 3-9: Hepatocellular Carcinoma]		
	[Necrosis TGLS = 4-3: Necrosis, Hepatocyte, Minimal]		
* Lymph Node, Mesenteric		Necrosis	Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504597

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 1-2+3+4+9: Hepatocellular Adenoma, Multiple]			
* Lung		Thrombosis	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 37 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 1,2,3-3+9+4: Hepatocellular Adenoma, Multiple]	
		[Mixed Cell Focus TGLS = 3-10: Mixed Cell Focus]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Cyst	Minimal
		Ectopic Parathyroid Gland	Mild
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* 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	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
		Hemangiosarcoma	
* Kidney	Artery	Inflammation	Chronic Active, Mild
		Infiltration Cellular	Lymphocyte, Minimal
	Artery	Inflammation	Chronic Active, Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		[Hemangiosarcoma TGLS = 2,3,4,5-3+9: Hemangiosarcoma, Multiple]	
		[Hepatocellular Adenoma TGLS = 1,2-4+3: Hepatocellular Adenoma, Multiple]	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Prostate	Artery	Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504600

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Ectasia
Inflammation

Minimal
Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 636

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: TGL#2-4: Only able to identify 2 liver nodules on slide #04. [Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma] [Mixed Cell Focus TGLS = 2-2+4 Focus, Mixed Cell]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Mineralization	Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Eosinophilic Focus TGLS = 1,2,3-3+9]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504602

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Ileum	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Hepatocyte	Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,3,4,5-9+4+10+3: Hepatocellular Adenoma, Multiple]	Necrosis	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-10: Alveolar Bronchiolar Adenoma]		
* Nose		Inflammation	Suppurative, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hemangiosarcoma	
		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Moderate]			
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Moderate
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Chronic Active, Moderate
		Pigmentation	Hemosiderin, Mild
			[Eosinophilic Focus TGLS = 4-3: Eosinophilic Focus]
			[Hepatocellular Adenoma TGLS = 2,3,5,6-9+10+4+11: Hepatoclr Adenoma, Multiple]
			[Hepatocellular Carcinoma TGLS = 2-9]
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65	TRT#: 3 DOSE: 37 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9504605
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Cyst TGLS = 1-8: Cyst, Moderate]		Cyst	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 1,2-4+9: Hepatocellular Adenoma, Multiple]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose		Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skel Muscle			
	Note: TGL#3-9-NCL: Skeletal muscle lesion, documented at necropsy, not apparent histologically.		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 673

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Necrosis	Marked
	[Hepatocellular Adenoma TGLS = 1-4+9: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma, Multiple]		
	[Necrosis TGLS = 1-2+3: Necrosis, Hepatocyte, Marked]		
* Lymph Node, Mandibular		Necrosis	Minimal
* Lymph Node, Mesenteric		Necrosis	Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 673

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504607

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma; Liver Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Int Sm Ileum			
Note: Ileum on slide #04.			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
[Clear Cell Focus TGLS = 3-10: Clear Cell Focus]			
[Hemangiosarcoma TGLS = 3-2: Hemangiosarcoma]			
[Hepatocellular Adenoma TGLS = 1,2,3,4-10+3+4+3+9: Hepatoclr Adenoma, Multiple]			
* Stomach, Glandular		Mineralization	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 712
DOSE: 37 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland * Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Necrosis	Moderate
	[Hepatocellular Adenoma TGLS = 1,2,3-4+3: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 4,5-9+10: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 731
DOSE: 37 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
	[Cyst TGLS = 1-3: Cyst, Mild]		
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 2-9: Hepatocellular Adenoma, Multiple]		
* Lung		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal
		Hyperplasia	Minimal
Tooth		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Moderate
		Infiltration Cellular	Lymphocyte, Moderate
		Nephropathy	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
		[Hepatocellular Adenoma TGLS = 2-2+4+10: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:02:59
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver	Portal	Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-9: Hepatocellular Adenoma]	Hypertrophy	Moderate
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-10: Malignant Lymphoma]		
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-3: Malignant Lymphoma]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney	Cortex	Cyst Infiltration Cellular Nephropathy	Mild Lymphocyte, Minimal Minimal
* Liver		Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
		[Eosinophilic Focus TGLS = 3-3: Eosinophilic Focus] [Hepatocellular Adenoma TGLS = 2,4,6,7-10+9+10: Hepatocellular Adenoma, Multiple]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]	
* Lymph Node, Mesenteric		Ectasia	Moderate
		[Ectasia TGLS = 5-4: Ectasia, Moderate]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
	Subcapsular	Hyperplasia	Mild
[Angiectasis TGLS = 4-7: Angiectasis, Moderate]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
		Tension Lipidosis	
[Eosinophilic Focus TGLS = 3-10]			
[Hepatocellular Adenoma TGLS = 1-9: Hepatocellular Adenoma]			
[Mixed Cell Focus TGLS = 2-3]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Suppurative, Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		Metaplasia	Osseous, Minimal
		Nephropathy	Mild
	[Cyst TGLS = 3-3: Cyst, Cortex, Moderate]		
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	[Eosinophilic Focus TGLS = 7-9]		
	[Hepatocellular Adenoma TGLS = 1,2,5,6-4+3]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 4-9: Alveolar Bronchiolar Adenoma]		
* Nose		Polyp, Inflammatory	Mild

Note: One section of nasal cavity contains an organized, epithelized structure which conforms to the shape of the nasal cavity & associated turbinates.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504615

ORGAN AND ACCOUNTABLE SITE STATUS

Note: This structure occurs on the same side of the nasal cavity as the odontoma.

* Salivary Glands

Infiltration Cellular

Lymphocyte, Minimal

* Stomach, Forestomach

Epithelium

Hyperplasia

Squamous, Moderate

* Thymus

Cyst

Mild

Tooth

Malformation

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76	TRT#: 3	SEX: Male	DAY ON TEST: 694
	DOSE: 37 MG/KG	DISP: Natural Death	HISTO: 9504616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder * Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Valve	Inflammation	Suppurative, Mild
Note: Bacterial colonies on mitral valve - Vegetative Valvular Endocarditis.			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 3-3: Hepatocellular Adenoma]			
[Hepatocellular Carcinoma TGLS = 2-2+4]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8: Cyst, Moderate]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Necrosis	Minimal
* Stomach, Forestomach		Hyperkeratosis	Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504616

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Hepatocellular Carcinoma	
		Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 3-3: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-2+9: Hepatocellular Carcinoma]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	[Alveolar/Bronchiolar Adenoma TGLS = 2-2: Alveolar Bronchiolar Adenoma]		
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504617

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Hepatocellular Adenoma	
		Necrosis	Minimal
Note: TGL#2-3-NCL: Nodule, noted at trim, not apparent histologically. [Hepatocellular Adenoma TGLS = 1-9: Hepatocellular Adenoma]			
* Preputial Gland		Cyst	Moderate
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		[Hepatocellular Adenoma TGLS = 3-10: Hepatocellular Adenoma]	
		[Hepatocellular Carcinoma TGLS = 2-9: Hepatocellular Carcinoma]	
* Pancreas			
		Note: TGL#1-10-NCL: Cause of pancreatic discoloration, documented at necropsy, not apparent histologically.	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Cyst	Mild
Tooth		Malformation	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504619

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Mild
* Kidney	Cortex	Cyst Infiltration Cellular Nephropathy	Moderate Lymphocyte, Minimal Mild
* Liver		Eosinophilic Focus Hepatocellular Adenoma Hepatocellular Carcinoma Inflammation	Multiple Chronic Active, Minimal
		[Eosinophilic Focus TGLS = 3,5-3+4] [Hepatocellular Adenoma TGLS = 2,4-3+9] [Hepatocellular Carcinoma TGLS = 1-10: Hepatocellular Carcinoma]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hemangiosarcoma	
	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia Inflammation	Minimal Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504620

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 730
DOSE: 37 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 1-3+9: Hepatocellular Adenoma]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82	TRT#: 3	SEX: Male	DAY ON TEST: 687
	DOSE: 37 MG/KG	DISP: Natural Death	HISTO: 9504622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Kidney
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Spleen	* Stomach, Glandular		

OBSERVATIONS

* Liver	Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-4+3: Hepatocellular Adenoma, Multiple] [Hepatocellular Carcinoma TGLS = 3-9: Hepatocellular Carcinoma]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Cyst	Mild
		Mineralization	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 2,3-10+3: Hepatocellular Adenoma, Multiple]		
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			
Note: TGL#1-9-ncl: Red discoloration, documented at necropsy, due to engorgement with secretion.			
* Stomach, Glandular		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83	TRT#: 3 DOSE: 37 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9504623
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ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Germinal Epith	Ectasia	Minimal
* Thymus		Atrophy	Mild
Tooth		Cyst	Minimal
		Malformation	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 37 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Mild
	[Hepatocellular Adenoma TGLS = 1-2+3+4+9: Hepatocellular Adenoma, Multiple]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Suppurative, Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85	TRT#: 3	SEX: Male	DAY ON TEST: 593
	DOSE: 37 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
[Hyperplasia TGLS = 3-4: Hyperplasia, Mild]			
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]			
* Nose		Inflammation	Suppurative, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Moderate]			
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2,4,5:9+3+2+4: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 3-3: Hepatocellular Carcinoma]		
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8: Cyst, Moderate]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 37 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504626

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		[Hepatocellular Adenoma TGLS = 1-3+4+9: Hepatocellular Adenoma, Multiple]	
* Lung		Alveolar/Bronchiolar Carcinoma	
		[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]	
* Lymph Node, Mesenteric		Angiectasis	Mild
* Nose		Inflammation	Suppurative, Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-2+9+4: Hepatocellular Adenoma, Multiple]		
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 614

DOSE: 37 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Inflammation	Suppurative, Mild
	[Inflammation TGLS = 5-3: Inflammation, Suppurative, Mild]		
* Liver		Fibrosis	Moderate
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Necrosis	Marked
	[Hepatocellular Adenoma TGLS = 3,6,7-9+4: Hepatocellular Adenoma, Multiple]		
	[Necrosis TGLS = 4,7-3+4: Necrosis, Hepatocyte, Marked]		
* Lung		Thrombosis	Mild
	Note: Leukocytosis alveolar wall capillaries.		
* Nose		Inflammation	Suppurative, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Erythrophagocytosis	Marked
	Lymph Follic	Necrosis	Mild
* Stomach, Glandular		Ectasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89	TRT#: 3 DOSE: 37 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 614 HISTO: 9504629
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Calculus Gross Observation	

Note: TGL#1-3-NCL: Urinary bladder distended but mucosa normal histologically.

[Calculus Gross Observation TGLS = 2: Calculus, Gross Observation]

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney	Inflammation;Urinary Bladder Calculus Gross Observation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: 37 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,3-9+4: Hepatocellular Adenoma, Multiple]		
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 2,4-10+2: Alveolar Bronchiolar Adenoma, Multiple]		
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fibrosis	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Mild
		Pigmentation	Hemosiderin, Moderate
			[Hepatocellular Adenoma TGLS = 2,3-4+2: Hepatocellular Adenoma, Multiple]
			[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]
* Lung	Alveolar Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504631

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92	TRT#: 3	SEX: Male	DAY ON TEST: 546
	DOSE: 37 MG/KG	DISP: Natural Death	HISTO: 9504632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
* Heart		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Moderate
	Hepatocyte	Necrosis	Moderate
Note: TGL#3-3-NCL: Cause of discoloration, documented at necropsy, not apparent histopathologically.			
* Nose		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Moderate
		Hemangiosarcoma	
		Mineralization	Mild
		Necrosis	Marked
		Pigmentation	Hemosiderin, Mild

[Hemangiosarcoma TGLS = 1-3: Hemangiosarcoma]

[Necrosis TGLS = 2-9: Necrosis, Marked]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 546

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504632

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Spleen Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 655

DOSE: 37 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mineralization	Mild
	Hepatocyte	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 1,3,4-9+3+11: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 2-10: Hepatocellular Carcinoma]		
* Nose		Inflammation	Chronic Active, Minimal
		Inflammation	Suppurative, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Necrosis	Mild
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 655

DOSE: 37 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504633

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 731
DOSE: 37 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Gallbladder	* Mammary Gland
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INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Mild
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst Infiltration Cellular Nephropathy	Moderate Lymphocyte, Minimal Mild
* Liver		Clear Cell Focus Hepatocellular Adenoma Inflammation Mixed Cell Focus	Multiple Chronic Active, Minimal

[Clear Cell Focus TGLS = 6-4]

[Hepatocellular Adenoma TGLS = 3,4,5-9+10: Hepatocellular Adenoma, Multiple]

[Mixed Cell Focus TGLS = 6-4: Mixed Cell Focus]

* Lung	Alveolar/Bronchiolar Adenoma Hyperplasia
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[Alveolar/Bronchiolar Adenoma TGLS = 1-2: Alveolar Bronchiolar Adenoma]

[Hyperplasia TGLS = 2-2: Hyperplasia, Alveolar Epithelium, Moderate]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 3 DOSE: 37 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9504634
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands	Infiltration Cellular	Lymphocyte, Minimal
Tooth	Malformation	
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Intestine Small, Ileum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Moderate
	[Nephropathy TGLS = 3-3: Nephropathy, Moderate]		
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 6,10,11-10+9+10: Hepatocellular Adenoma, Multiple]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Lymphoma Malignant	
	[Alveolar/Bronchiolar Carcinoma TGLS = 9-10: Alveolar Bronchiolar Carcinoma]		
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-7: Malignant Lymphoma, Mediastinal]		
	[Lymphoma Malignant TGLS = 5-10: Malignant Lymphoma, Lumbar]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-1: Malignant Lymphoma]		
* Lymph Node, Mesenteric		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 37 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504635

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-4: Malignant Lymphoma]			
* Preputial Gland		Cyst Lymphoma Malignant	Moderate
[Cyst TGLS = 1-8: Cyst, Moderate]			
* Prostate		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Moderate]			
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 731
DOSE: 37 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Fibrous Histiocytoma	Metastatic (Mesentery)
* Heart		Fibrous Histiocytoma	Metastatic (Mesentery)
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Kidney	Cortex	Cyst	Mild
		Fibrous Histiocytoma	Metastatic (Mesentery)
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Mineralization	Moderate
	Hepatocyte	Necrosis	Marked
		Pigmentation	Hemosiderin, Moderate
Note: Slide #10: Liver section probably a strangulated hepatocellular neoplasm. [Hepatocellular Adenoma TGLS = 5-9: Hepatocellular Adenoma]			
* Lung	Mediastinum	Fibrous Histiocytoma	Metastatic (Mesentery)
		Fibrous Histiocytoma	Metastatic (Mesentery)
Lymph Node	Lumbar	Fibrous Histiocytoma	Metastatic (Mesentery)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504636

ORGAN AND ACCOUNTABLE SITE STATUS

Mediastinal	Fibrous Histiocytoma	Metastatic (Mesentery)
Renal	Fibrous Histiocytoma	Metastatic (Mesentery)
[Fibrous Histiocytoma TGLS = 6-11: Metastatic Fib Histiocyt, Mesentery, Renal]		
[Fibrous Histiocytoma TGLS = 3-10: Metastatic Fib Histiocyt, Mesentery, Lumbar]		
* Lymph Node, Mesenteric	Fibrous Histiocytoma	Metastatic (Mesentery)
[Fibrous Histiocytoma TGLS = 2-4: Metastatic Fibrous Histiocytoma, Mesentery]		
Mesentery	Fibrous Histiocytoma	
* Pancreas	Fibrous Histiocytoma	Metastatic (Mesentery)
[Fibrous Histiocytoma TGLS = 1-10: Metastatic Fibrous Histiocytoma, Mesentery]		
* Seminal Vesicle	Fibrous Histiocytoma	Metastatic (Mesentery)
* Spleen	Red Pulp	Mild
* Thymus	Fibrous Histiocytoma	Metastatic (Mesentery)
[Fibrous Histiocytoma TGLS = 4-7: Metastatic Fibrous Histiocytoma, Mesentery]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97	TRT#: 3 DOSE: 37 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9504637
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 1,2,3,4-2+9+3+10+11: Hepatoclr Adenoma, Multiple]			
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 488

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
	Hepatocyte	Necrosis	Mild
		Pigmentation	Hemosiderin, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: TGL#3-3-NCL: Cyst, documented at necropsy, not apparent histologically. [Clear Cell Focus TGLS = 2-4: Clear Cell Focus] [Necrosis TGLS = 2-3: Necrosis, Hepatocyte, Mild]			
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Sem Ves			
Note: TGL#1-6-NCL: Distended with secretion - normal histologically.			
* Spleen	Lymph Follic	Necrosis	Mild
* Stomach, Glandular		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98	TRT#: 3 DOSE: 37 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 488 HISTO: 9504638
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Thymocyte	Necrosis	Marked
Tooth		Malformation	

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Mild
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Duodenum		Inflammation Ulcer	Chronic Active, Moderate Marked
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Moderate
* Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 1,5,6-10+3+11: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 4-4+9: Hepatocellular Carcinoma]			
Mesentery			
Note: TGL#1-10: Mesenteric mass, documented at necropsy, is necrotic, strangulated hepatocellular adenoma histologically.			
* Preputial Gland		Cyst Inflammation	Moderate Chronic Active, Mild
[Cyst TGLS = 2-8: Cyst, Moderate]			
* Sem Ves			
Note: TGL#3-6-NCL: Red discoloration, documented at necropsy, due to engorgement with secretion.			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504639

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Inflammation

Chronic Active, Minimal

* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Nose	* Pancreas
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Cortex	Cyst	Mild
		Metaplasia	Osseous, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 1-9: Hepatocellular Adenoma]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Gallbladder	* Heart	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 2,4-4+9: Hepatocellular Adenoma, Multiple]		
	[Mixed Cell Focus TGLS = 3-9: Mixed Cell Focus]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-2: Alveolar Bronchiolar Carcinoma]		
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol

CAS Number: 93-15-2

Date Report Requested: 10/22/2014

Time Report Requested: 00:03:00

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Gallbladder
* 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	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
	[Eosinophilic Focus TGLS = 4-3]		
	[Hepatocellular Adenoma TGLS = 1,2,3-9+4: Hepatocellular Adenoma, Multiple]		
Lymph Node	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-10: Malignant Lymphoma, Renal]		
* Pancreas		Cyst	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal
		Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504642

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 486

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Note: Only one adrenal gland available for histological examination.			
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Cecum		Carcinoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Mild
[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal
		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 486

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504643

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
	Subcapsular	Hyperplasia	Mild
	[Angiectasis TGLS = 4-7: Angiectasis, Moderate]		
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 1,2,3-4+3+9: Hepatocellular Adenoma, Multiple]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504644

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicle

Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 1,2,5-2+4+9: Hepatocellular Adenoma, Multiple]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-9: Alveolar Bronchiolar Adenoma]		
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Hyperplasia	Atypical, Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504645

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: TGL#4 not used.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 2,3,6,7,8-10+4+11+3: Hepatoclr Adenoma, MULTIPLE]		
	[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Ectasia	Moderate
	[Ectasia TGLS = 4-4: Ectasia, Moderate]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504646

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-10]

* Stomach, Glandular

Inflammation

Chronic Active, Mild

Atrophy

Mild

Ectasia

Mild

Hyperplasia

Moderate

Inflammation

Chronic Active, Mild

* Thymus

Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 731
DOSE: 75 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		[Hepatocellular Adenoma TGLS = 2,3,4:11+10+11: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Inflammation	Suppurative, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504647

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108	TRT#: 5 DOSE: 75 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9504648
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Moderate]

* Stomach, Glandular

Atrophy
Ectasia
Inflammation
Hyperplasia

Mild
Mild
Chronic Active, Minimal
Minimal

* Thyroid Gland

Follicular Cel

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
Eye	Cornea	Inflammation	Chronic Active, Moderate
	[Inflammation TGLS = 2-10: Inflammation, Chr Act, Cornea, Moderate]		
Harderian Gland		Adenoma	
	[Adenoma TGLS = 1-10: Adenoma]		
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
	[Hepatocellular Adenoma TGLS = 3,4,5,6,7,8-2+4+11+10+11+9+3: Hepatoclr Aden, Mult]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 5
DOSE: 75 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504649

ORGAN AND ACCOUNTABLE SITE STATUS

Hyperplasia
Inflammation

Mild
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 691

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
	[Hepatocellular Adenoma TGLS = 1,2-2+4+3: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 3-9: Hepatocellular Carcinoma]		
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	Multiple
	[Alveolar/Bronchiolar Carcinoma TGLS = 4,6-10+2: Alveolar Bronchiolar Carcinoma, Multiple]		
* Lym Node Mesen			
	Note: TGL#5-4: Enlarged mesenteric lymph node, documented at necropsy, is enlarged pancreatic lymph node histologically.		
Lymph Node	Pancreatic	Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLS = 5-4]		
* Pancreas		Fibrous Histiocytoma	Metastatic (Lymph Node)
	Note: METASTASIZED FROM PANCREATIC LYMPH NODE.		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110	TRT#: 5 DOSE: 75 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 691 HISTO: 9504650
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Cyst	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal
		Necrosis	Mild
* Thymus		Cyst	Moderate
Tooth		Malformation	

PRIMARY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Adenoma;Liver Hepatocellular Carcinoma;Lung Mediastinum Alveolar/Bronchiolar Carcinoma Lung;Lymph Node Pancreatic Fibrous Histiocytoma;Pancreas Fibrous Histiocytoma Lymph Node

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Mild
[Hepatocellular Adenoma TGLS = 1,2,3,4,5-9+10+11+10+11: Hepatoclr Aden, Multiple]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 1,2,3-9+11+3+4+10: Hepatocellular Aden, Multiple]	Necrosis	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Marked
		Ectasia	Minimal
		Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504652

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 575

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Mild
	[Hepatocellular Carcinoma TGLS = 1-10: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-9: Hepatocellular Carcinoma, Metastatic]		
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Hyperkeratosis	Mild
* Thymus		Cyst	Minimal
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 575

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504653

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
	[Eosinophilic Focus TGLS = 2-9: Eosinophilic Focus]		
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Testes	Interstitial Cell	Adenoma	
	[Adenoma TGLS = 1-6: Adenoma, Interstitial Cell]		
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 326

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Skin	Subcut Tiss	Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-9: Hemangiosarcoma, Subcutaneous Tissue]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-3: Hematopoietic Cell Proliferation, Marked]		

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 589

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
		[Alveolar/Bronchiolar Carcinoma TGLS = 5-9: Metastatic Alveolar Bronch Carcinoma, Lung]	
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
		[Eosinophilic Focus TGLS = 4,9,10-9: Eosinophilic Focus]	
		[Hepatocellular Adenoma TGLS = 3-3]	
		[Hepatocellular Carcinoma TGLS = 2-3: Hepatocellular Carcinoma]	
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	Multiple
		[Alveolar/Bronchiolar Carcinoma TGLS = 6-10: Alveolar Bronchiolar Carcinoma, Multiple]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116	TRT#: 5 DOSE: 75 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 589 HISTO: 9504656
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ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Congestion TGLS = 7-4: Congestion, Moderate]		Congestion	Moderate
* Preputial Gland [Cyst TGLS = 8-8: Cyst, Moderate]		Cyst Inflammation	Moderate Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen Red Pulp Lymph Follic [Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Mild]		Hematopoietic Cell Proliferation Necrosis	Mild Mild

PRIMARY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma;Lung Mediastinum Alveolar/Bronchiolar Carcinoma Lung

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 1,2,3,5-9+10+11+2: Hepatoclr Adenoma, Multiple]			
[Mixed Cell Focus TGLS = 5-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-12: Alveolar Bronchiolar Adenoma]			
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 5
DOSE: 75 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9504657

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Hyperplasia
Inflammation
Infiltration Cellular

Mild
Chronic Active, Mild
Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Gallbladder			
Note: Gallbladder on slide #04.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 1,2,3,4,5-4+3+9+10+11: Hepatoclr Adenoma, Multiple]			
* Preputial Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 6-8: Inflammation, Chronic Active, Marked]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504658

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4: Malignant Lymphoma, Peyers Patch]			
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 4,5,6,7,8-9+10+3+10+11: Hepatoclr Aden, Multiple]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-11: Malignant Lymphoma]			
* Nose		Inflammation	Suppurative, Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]			
* Stomach, Glandular		Ectasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504659

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fibrosis	Mild
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Mild
		Mast Cell Tumor Malignant	
		Mineralization	Minimal
	Hepatocyte	Necrosis	Mild
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Adenoma TGLS = 1,2-3+4+10+9: Hepatocellular Adenoma, Multiple]			
* Pancreas		Mast Cell Tumor Malignant	
* Spleen		Mast Cell Tumor Malignant	
* Stomach, Glandular		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120

TRT#: 5
DOSE: 75 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504660

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland
Tooth

Follicular Cel

Ectasia
Inflammation
Hyperplasia
Malformation

Minimal
Chronic Active, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
[Hepatocellular Adenoma TGLS = 3,5-4+3: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 4-9: Hepatocellular Carcinoma]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
[Hyperplasia TGLS = 2-1: Hyperplasia, Plasma Cell, Moderate]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504661

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 522
DOSE: 75 MG/KG **DISP:** Natural Death **HISTO:** 9504662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]		
* Nose		Inflammation	Suppurative, Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* 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	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 1-4: Hepatocellular Adenoma]	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 639

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 1,2-9+3: Hepatocellular Adenoma, Multiple]	Necrosis	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2: Alveolar Bronchiolar Adenoma]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Mild
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Hepatocellular Carcinoma	
		Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 2,3-10: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 1,2-4+9+3: Hepatocellular Adenoma, Multiple]	
		[Mixed Cell Focus TGLS = 3-9: Mixed Cell Focus]	
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Mild
		[Alveolar/Bronchiolar Adenoma TGLS = 4-9: Alveolar Bronchiolar Adenoma]	
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Inflammation	Chronic Active, Marked
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504666

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Atrophy	Moderate
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Mild
		Pigmentation	Hemosiderin, Mild
	[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperkeratosis	Mild
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 722

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504667

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

Animal Note: The hepatocellular atrophy, ectasia of stomach glands, hyperkeratosis of foresto mach and degranulation of pancreatic acinar cells suggest possible starvation.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		[Hepatocellular Adenoma TGLS = 2,3,4-3+10: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 5-10: Alveolar Bronchiolar Adenoma]	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
	[Cyst TGLS = 4-3: Cyst, Mild]		
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 2,3-4+9]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic Active, Moderate
	[Inflammation TGLS = 1-8: Inflammation, Chronic Active, Moderate]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 732
DOSE: 75 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant	
		[Hepatoblastoma TGLS = 3-2+4+10]	
		[Hepatocellular Adenoma TGLS = 3,4-2+4+10+9: Hepatocellular Adenoma, Multiple]	
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Mild
		[Cyst TGLS = 1-8: Cyst, Moderate]	
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-3: Malignant Lymphoma]	
* Stomach, Glandular		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130

TRT#: 5
DOSE: 75 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504670

ORGAN AND ACCOUNTABLE SITE STATUS

		Ectasia	Mild
		Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hemangioma	
* Gallbladder			
Note: Gallbladder on slide #04.			
* Kidney	Cortex	Cyst	Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2,3,4,5-9+3+4+9: Hepatocellular Adenoma, Multiple]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Lymphocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 6-9]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8: Cyst, Moderate]			
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504671

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
			[Cyst TGLS = 1-3: Cyst, Mild]
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Minimal
		Mixed Cell Focus	
			[Hepatocellular Adenoma TGLS = 2-3: Hepatocellular Adenoma]
* Preputial Gland		Cyst	Moderate
		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hemangioma	
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 1,2,3,4-10+9+10+3: Hepatoclr Adenoma, Multiple]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 3,4,5,8-3+11+4+10: Hepatoclr Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 2-2+9: Hepatocellular Carcinoma]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-2: Alveolar Bronchiolar Adenoma]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-10: Necrosis, Fat, Marked]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504674

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland
* Salivary Glands
* Stomach, Glandular

Infiltration Cellular
Infiltration Cellular
Atrophy
Ectasia
Inflammation

Lymphocyte, Minimal
Lymphocyte, Minimal
Minimal
Minimal
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 572
DOSE: 75 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Inflammation	Chronic Active, Mild
	[Hepatocellular Carcinoma TGLS = 2-2+3+9: Hepatocellular Carcinoma, Multiple]	Necrosis	Marked
	[Necrosis TGLS = 2-4: Necrosis, Herpatocyte, Marked]		
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
		Inflammation	Suppurative, Minimal
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic Active, Mild
	[Cyst TGLS = 1-8: Cyst, Moderate]		
	[Inflammation TGLS = 1-8: Inflammation, Chronic Active, Mild]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 572

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504675

ORGAN AND ACCOUNTABLE SITE STATUS

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 2,4-3+9+4: Hepatocellular Adenoma, Multiple]		
	[Mixed Cell Focus TGLS = 3-4: Mixed Cell Focus]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-2: Alveolar Bronchiolar Adenoma]		
* Nose		Inflammation	Suppurative, Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Mild
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504676

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
		Lymphoma Malignant	
* Kidney	Cortex	Cyst	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Hemosiderin, Moderate
	[Hepatocellular Adenoma TGLS = 2,3-3+9: Hepatocellular Adenoma, Multiple]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8: Cyst, Moderate]		
* Spleen		Lymphoma Malignant	
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504677

ORGAN AND ACCOUNTABLE SITE STATUS

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 614

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Mild
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Carcinoma TGLS = 2-4+9: Hepatocellular Carcinoma, Multiple]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			
[Hepatocellular Carcinoma TGLS = 3-2: Hepatocellular Carcinoma, Metastatic, Liver]			
* Nose		Inflammation	Suppurative, Minimal
* Preputial Gland		Cyst	Mild
[Cyst TGLS = 1-8: Cyst, Mild]			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach		Hyperkeratosis	Minimal
* Stomach, Glandular		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138	TRT#: 5	SEX: Male	DAY ON TEST: 614
	DOSE: 75 MG/KG	DISP: Natural Death	HISTO: 9504678

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	
CONTRIBUTORY CAUSE OF DEATH	- Lung	Hepatocellular Carcinoma Liver	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 630

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Trachea		

MISSING

* Intestine Large, Cecum	* Intestine Large, Colon	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Int Sm Ileum			
Note: Ileum on slide #04.			
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-9: Malignant Lymphoma]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Lymphoma Malignant	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2: Alveolar Bronchiolar Carcinoma]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-7: Malignant Lymphoma, Mediastinal]			
[Lymphoma Malignant TGLS = 5-9: Malignant Lymphoma, Renal]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4: Malignant Lymphoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139	TRT#: 5 DOSE: 75 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 630 HISTO: 9504679
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]		Inflammation Lymphoma Malignant	Suppurative, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Squamous, Moderate Chronic Active, Mild
* Thymus		Lymphoma Malignant	
* Thyroid Gland [Adenoma TGLS = 7-2: Adenoma, Follicular Cell]	Follicular Cel	Adenoma	
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum Lymphoma Malignant;Lymph Node Renal Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant;Thymus Lymphoma Malignant;Urinary Bladder Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Pancreas	* Parathyroid Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Hemosiderin, Mild
* Bone Marrow Harderian Gland [Adenoma TGLS = 1-9: Adenoma]		Hyperplasia Adenoma	Moderate
* Kidney	Cortex	Cyst Nephropathy	Mild Minimal
* Liver [Hepatocellular Adenoma TGLS = 2,3-2+4: Hepatocellular Adenoma, Multiple]		Eosinophilic Focus Hepatocellular Adenoma	Multiple
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
		Necrosis	Mild
Harderian Gland		Adenoma	
	[Adenoma TGLS = 1-10: Adenoma]		
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-4: Malignant Lymphoma, Peyers Patch]		
* Kidney	Cortex	Cyst	Mild
		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Mild
	[Hepatocellular Adenoma TGLS = 2-9: Hepatocellular Adenoma]	Lymphoma Malignant	
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2: Alveolar Bronchiolar Adenoma, Multiple]		
Lymph Node	Mediastinal	Lymphoma Malignant	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 75 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504681

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular		Lymphoma Malignant	
		Atrophy	Mild
		Ectasia	Mild
		Hyperplasia	Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 37

DOSE: 75 MG/KG

DISP: Accidentally Killed

HISTO: 9504682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Stomach, Glandular			

OBSERVATIONS

* Bone Marrow	Atrophy	Moderate
* Spleen	Atrophy	Moderate

[Atrophy TGLS = 1-3: Atrophy, Moderate]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: Cause of death probably due to severe anemia.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver	Bile Duct	Cyst	Mild
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
		Pigmentation	Hemosiderin, Minimal
		[Hepatocellular Adenoma TGLS = 3,4,5,7-4+10+2: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 2-9: Hepatocellular Carcinoma]	
* Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	
		Hyperplasia	Minimal
		[Alveolar/Bronchiolar Carcinoma TGLS = 6-10]	
* Lymph Node, Mesenteric		Hyperplasia	Marked
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504683

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Mild
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	[Eosinophilic Focus TGLS = 5,6-10+9: Eosinophilic Focus]		
	[Hepatocellular Adenoma TGLS = 2,3-3+11: Hepatocellular Adenoma, Multiple]		
* Preputial Gland		Cyst	Mild
		Infiltration Cellular	Lymphocyte, Mild
	[Cyst TGLS = 1-8: Cyst, Mild]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Carcinoma	
	[Carcinoma TGLS = 4-2]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504684

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 2,3,4,5-4+3+10: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]		
* Nose		Inflammation	Suppurative, Minimal
* Stomach, Glandular		Atrophy	Minimal
Tooth		Malformation	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504685

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Int Sm Duoden			
Note: TGL#2-4-NCL: White dilatation, documented at necropsy, not apparent histologically.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
[Hepatocellular Adenoma TGLS = 3,4,5-2+4+9+10: Hepatocellular Adenoma, Multiple]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pancreas			
Note: TGL#5-10: Pancreatic nodule, noted at trim, is strangulated, necrotic and organizing hepatocellular adenoma histologically.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 75 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504686

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9: Adenoma]			
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 5-4: Eosinophilic Focus]			
[Hepatocellular Adenoma TGLS = 3,6-3+9: Hepatocellular Adenoma, Multiple]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-9]			
* Nose		Inflammation	Suppurative, Minimal
* Preputial Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 2-8: Inflammation, Chronic Active, Marked]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504687

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 522

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Pancreas	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-9: Malignant Lymphoma, Peyers Patch]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver	Hepatocyte	Hepatocellular Carcinoma	
		Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 2-9: Hepatocellular Carcinoma]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Suppurative, Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 4-9: Alveolar Bronchiolar Adenoma]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose		Inflammation	Suppurative, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-3: Hematopoietic Cell Proliferation, Moderate]			
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 522

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504688

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lung Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Moderate Minimal
	[Infiltration Cellular TGLS = 2-3: Infiltrat Cell, Lymphocyte, Moderate]		
* Liver		Hemangiosarcoma Hematopoietic Cell Proliferation Hepatocellular Adenoma	Metastatic (Skeletal Muscle) Minimal Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy Infiltration Cellular	Mild Lymphocyte, Mild
	[Hemangiosarcoma TGLS = 5-3: Metastatic Hemangiosarcoma, Skel Muscle]		
	[Hepatocellular Adenoma TGLS = 4,5,6-10+3+11: Hepatocellular Adenoma, Multiple]		
* Lung		Alveolar/Bronchiolar Adenoma Hemangiosarcoma	Multiple Metastatic (Skeletal Muscle)
	[Alveolar/Bronchiolar Adenoma TGLS = 7-2+11: Alveolar Bronchiolar Adenoma, Multiple]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504689

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-9: Hemangiosarcoma]			
* Spleen		Hemangiosarcoma	Metastatic (Skeletal Muscle)
	Red Pulp	Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
[Hemangiosarcoma TGLS = 1-3+11: Metastatic Hemangiosarcoma, Skel Muscle]			
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 1,2,3,4-3+4+9: Hepatocellular Adenoma, Multiple]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-2: Alveolar Bronchiolar Adenoma]		
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal
		Inflammation	Chronic Active, Mild
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504690

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
---------------	-----------------

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 1,2,3,4-11+9+10: Hepatocellular Adenoma, Multiple]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504691

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 4-4: Eosinophilic Focus]			
[Hepatocellular Adenoma TGLS = 3,5,6-9+10: Hepatocellular Adenoma, Multiple]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Lymphocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-10]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 7-10: Hemangiosarcoma]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504692

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Atrophy

Moderate

Ectasia

Minimal

Inflammation

Chronic Active, Minimal

* Thymus

Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-9: Malignant Lymphoma, Peyers Patch]			
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Moderate
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2,3,4,5,6-9+9+3+9+4: Hepatoclr Adenoma, Multiple]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-4: Malignant Lymphoma]			
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504693

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]

* Stomach, Glandular

Atrophy

Moderate

Ectasia

Mild

Hyperplasia

Minimal

Inflammation

Chronic Active, Minimal

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2,3-3+9: Hepatocellular Adenoma, Multiple]		
	[Vacuolization Cytoplasmic TGLS = 1-10]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose		Inflammation	Suppurative, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Minimal
		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504694

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 339

DOSE: 150 MG/KG

DISP: Dosing Accident

HISTO: 9504695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Lung	Mediastinum	Inflammation	Chronic Active, Mild
	Mediastinum	Necrosis	Mild
* Lymph Node, Mesenteric		Necrosis	Mild
* Pituitary Gl			
Note: TGL#1-7-NCL: Pituitary gland tissue not available for histologic examination.			
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Necrosis	Mild
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
* Thyroid Gland		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: Cause of death may have been a gavage error based on histologic findings involving the mediastinum and thyroid gland.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 459

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
* Pancreas	Artery	Inflammation	Chronic Active, Mild
Spinal Cord	Nerve	Demyelination	Mild
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thyroid Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-10: Malignant Lymphoma, Peyers Patch]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Lymphoma Malignant	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 4,8,9-9+10+11: Hepatocellular Adenoma, Multiple]			
[Lymphoma Malignant TGLS = 5,6-11: Malignant Lymphoma]			
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504697

ORGAN AND ACCOUNTABLE SITE STATUS

Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-7: Malignant Lymphoma, Mediastinal]		
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Pancreas	Lymphoma Malignant	
* Preputial Gland	Lymphoma Malignant	
* Prostate	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Seminal Vesicle	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3: Malignant Lymphoma]		
* Stomach, Glandular	Atrophy	Moderate
	Ectasia	Minimal
	Hyperplasia	Minimal
	Inflammation	Chronic Active, Minimal
* Urinary Bladder	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Suppurative, Minimal
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Necrosis	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2,3-10+11: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504699

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9: Adenoma]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2,3,4-4+3+9: Hepatocellular Adenoma, Multiple]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 5-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504700

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 512

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Inflammation	Suppurative, Mild
* Liver		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
	Hepatocyte	Necrosis	Marked
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 1-9: Hepatocellular Adenoma]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal
		Mineralization	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 688

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	[Hepatocellular Adenoma TGLS = 1,2,3,6-9+11+3]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 5-10: Hemangiosarcoma]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 4-3: Hema Cell Prolif, Red Pulp, Marked]		
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Mild
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Skeletal Muscle Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 688

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504702

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 554

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Note: Only one adrenal gland available for histological examination.			
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Liver		Hepatoblastoma	
	Oval Cell	Hyperplasia	Moderate
	Portal	Hypertrophy	Moderate
	Centrilobular, Hepatocyte	Necrosis	Moderate
[Hepatoblastoma TGLS = 1-2+9: Hepatoblastoma]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
[Alveolar/Bronchiolar Adenoma TGLS = 2-2: Alveolar Bronchiolar Adenoma]			
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 554

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504703

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Hyperplasia
Inflammation
Malformation

Minimal
Chronic Active, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum	Peyers Patch	Inflammation	Suppurative, Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Multiple
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
Note: TGL#2-9-NCL: Hepatic hemangiosarcoma not present on slide #09. [Hemangiosarcoma TGLS = 2-2+3+4+10] [Hepatocellular Adenoma TGLS = 3,4-9+3: Hepatocellular Adenoma, Multiple]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Moderate]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 150 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504704

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Atrophy	Moderate
	Ectasia	Mild
	Inflammation	Chronic Active, Minimal
* Thymus	Cyst	Mild
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 732
DOSE: 150 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Mild
	[Hepatocellular Adenoma TGLS = 4,5-3+4+9: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 4-2+10: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	[Hepatocellular Carcinoma TGLS = 2,3-2: Metastatic Hepatocellular Carcinoma, Liver]		
* Preputial Gland		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Marked]		
* Stomach, Glandular		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504705

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

* Urinary Bladder

Ectasia

Hyperplasia

Inflammation

Cyst

Infiltration Cellular

Mild

Minimal

Chronic Active, Minimal

Minimal

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 1,2-4+3]		
	[Mixed Cell Focus TGLS = 2-9]		
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Mild
		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504706

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Mild
		Pigmentation	Hemosiderin, Minimal
[Hepatocellular Adenoma TGLS = 1,2,3-9+10: Hepatocellular Adenoma, Multiple]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Suppurative, Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Moderate
		Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 150 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504707

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
Note: Slide #02 - Liver section contains foreign material which may just be artifact but does bear some resemblance to metazoan parasite larvae or eggs. [Clear Cell Focus TGLS = 1,2-4+3]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 569

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye	Cornea	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 3-9: Inflammation, Chr Act, Cornea, Moderate]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9: Adenoma]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Mild
		Pigmentation	Hemosiderin, Minimal
Note: NO CORRELATING LESION TGLS = 6-3.			
[Eosinophilic Focus TGLS = 7,8-9]			
[Hepatocellular Adenoma TGLS = 5-4]			
* Lung		Alveolar/Bronchiolar Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 569

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504709

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Adenoma TGLS = 4-2: Alveolar Bronchiolar Adenoma]

* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Sem Ves			
Note: TGL#1-6-NCL: Enlargement, documented at necropsy, due to engorgement with secretion. Normal histologically.			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Necrosis	Moderate
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal
* Thymus		Cyst	Mild
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Gallbladder	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Moderate
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Eosinophilic Focus TGLS = 1,2-4+9]		
	[Hepatocellular Adenoma TGLS = 1,2-2+3]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504710

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Atrophy
Carcinoma
Ectasia
Hyperplasia
Inflammation

Moderate

Mild
Atypical, Minimal
Chronic Active, Minimal

Note: Carcinoma in Stom Glandular appears to be poorly differentiated. This could not be entered into the data.

Tooth

Malformation

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9: Adenoma]			
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2,4-3+4: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 3-9: Hepatocellular Carcinoma]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Adenoma TGLS = 5-2: Alveolar Bronchiolar Adenoma]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 150 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504711

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Mild
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Angiectasis	Marked
	Subcapsular	Hyperplasia	Minimal
	[Angiectasis TGLS = 1-7: Angiectasis, Marked]		
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Moderate
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 2,3-9+3+4+10: Hepatocellular Adenoma, Multiple]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 4-2: Alveolar Bronchiolar Carcinoma]		
* Nose		Inflammation	Suppurative, Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504712

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Atrophy

Moderate

Ectasia

Mild

Inflammation

Chronic Active, Minimal

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 579

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Atrium	Thrombosis	Marked
* Islets, Pancreatic		Adenoma	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
	[Hepatoblastoma TGLS = 2-2: Hepatoblastoma]		
	[Hepatocellular Adenoma TGLS = 2-2+4: Hepatocellular Adenoma]		
	[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173	TRT#: 7	SEX: Male	DAY ON TEST: 579
	DOSE: 150 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504713

ORGAN AND ACCOUNTABLE SITE STATUS

	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 561

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Mineralization	Minimal
* Intestine Small, Jejunum		Carcinoma	
Note: TGL#2-9: Intussuseption, documented at necropsy, is jejunal carcinoma histologically. [Carcinoma TGLS = 2,3-9+10: Carcinoma]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
[Hepatocellular Adenoma TGLS = 1-4: Hepatocellular Adenoma]			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Thymus		Ectopic Parathyroid Gland	Mild

PRIMARY CAUSE OF DEATH

- Intestine Small, Jejunum Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Pigmentation	Hemosiderin, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	[Hepatocellular Adenoma TGLS = 2,4-3+4+9+4: Hepatocellular Adenoma, Multiple]		
	[Mixed Cell Focus TGLS = 1-3+4+9: Mixed Cell Focus]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2: Alveolar Bronchiolar Adenoma]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504715

ORGAN AND ACCOUNTABLE SITE STATUS

Mineralization

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176	TRT#: 7	SEX: Male	DAY ON TEST: 604
	DOSE: 150 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Stomach, Forestomach	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Marked
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-4: Hepatocellular Adenoma]			
* Mammary GI			
Note: TGL#1-9: Mammary gland mass, documented at necropsy, is subcutaneous fibrosarcoma histologically.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-9: Fibrosarcoma, Subcutaneous Tissue]			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 604

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504716

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* 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	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Adenoma	
	Subcapsular	Hyperplasia	Minimal
	[Adenoma TGLS = 1-7: Adenoma]		
* Bone	Vertebra	Osteosarcoma	
	[Osteosarcoma TGLS = 2-10: Osteosarcoma, Lumbar Vertebra]		
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
	[Hemangiosarcoma TGLS = 4-3: Hemangiosarcoma]		
	[Hepatocellular Adenoma TGLS = 3,4,5-9+3+4: Hepatocellular Adenoma, Multiple]		
* Nose		Inflammation	Suppurative, Minimal
* Preputial Gland		Cyst	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504718

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus
* Urinary Bladder

Ectasia
Inflammation
Cyst
Infiltration Cellular

Mild
Chronic Active, Minimal
Mild
Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Minimal
	Hepatocyte	Necrosis	Mild
	[Hepatocellular Adenoma TGLS = 2,3,4,5-10+11+3+4: Hepatoclr Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]		
* Lung		Thrombosis	Mild
* Nose		Inflammation	Suppurative, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 6-10: Squamous Cell Papilloma]		
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504719

ORGAN AND ACCOUNTABLE SITE STATUS

Neurondo Cell

Hyperplasia
Inflammation
Cyst

Marked
Chronic Active, Mild
Mild

* Thyroid Gland

Follicle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 583

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 2-2: Alveolar Bronchiolar Adenoma]	
		[Alveolar/Bronchiolar Carcinoma TGLS = 1-9: Alveolar Bronchiolar Carcinoma]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Mild
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 583

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504720

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* 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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		Metaplasia	Osseous, Mild
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Mild
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 673

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Small, Ileum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-9: Malignant Lymphoma, Peyers Patch]			
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hepatocellular Adenoma	
	Portal	Hyperplasia	Mild
		Hypertrophy	Moderate
	Hepatocyte	Lymphoma Malignant	
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 6-4: Hepatocellular Adenoma]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-2: Alveolar Bronchiolar Adenoma]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-9: Malignant Lymphoma, Renal]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182	TRT#: 7	SEX: Male	DAY ON TEST: 673
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 9504722

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-7: Malignant Lymphoma, Mediastinal]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-4+10: Malignant Lymphoma]		
Mesentery	Lymphoma Malignant	
* Preputial Gland	Cyst	Moderate
	Lymphoma Malignant	
* Prostate	Lymphoma Malignant	
* Seminal Vesicle	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]		
* Stomach, Glandular	Atrophy	Mild
	Ectasia	Minimal
* Thymus	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Intestine Large; Cecum Lymphoma Malignant; Intestine Small; Ileum Peyers Patch Lymphoma Malignant; Intestine Small; Jejunum Peyers Patch Lymphoma Malignant; Liver Lymphoma Malignant; Lymph Node Renal Lymphoma Malignant; Lymph Node Mediastinal Lymphoma Malignant; Lymph Node; Mesenteric Lymphoma Malignant; Mesentery Lymphoma Malignant; Preputial Gland Lymphoma Malignant; Prostate Lymphoma Malignant; Seminal Vesicle Lymphoma Malignant; Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* 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	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Atrophy	Mild
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-9: Hepatocellular Adenoma]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
[Hyperplasia TGLS = 2-4: Hyperplasia, Epithelium, Moderate]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 150 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504723

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:00
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11: Malignant Lymphoma, Peyers Patch]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
Note: TGL#1-9-NCL: Focus, documented at necropsy, not apparent histologically.			
[Hepatocellular Adenoma TGLS = 3,4,5,6-4+11+10:Hepatocellular Adenoma, Multiple]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Mild
* Thyroid Gland	Follicle	Cyst	Mild
Tooth		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504724

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 660

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
	Centrilobular, Hepatocyte	Necrosis	Moderate
Note: NO CORRELATING LESION TGLS = 4-10. [Hepatocellular Carcinoma TGLS = 2-9: Hepatocellular Carcinoma]			
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 3-2: Alveolar Bronchiolar Adenoma]	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
		[Hyperplasia TGLS = 1-4]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185	TRT#: 7	SEX: Male	DAY ON TEST: 660
	DOSE: 150 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504725

ORGAN AND ACCOUNTABLE SITE STATUS

	Neurondo Cell	Ectasia	Moderate
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
* Thymus	Thymocyte	Necrosis	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lymph Node;Mesenteric Hyperplasia

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 1,2,3-9+10+4: Hepatocellular Adenoma, Multiple]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187	TRT#: 7	SEX: Male	DAY ON TEST: 732
	DOSE: 150 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Nose	* Pancreas
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	[Clear Cell Focus TGLS = 2-4: Clear Cell Focus]		
	[Hepatocellular Adenoma TGLS = 1-4: Hepatocellular Adenoma]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
		Neuroendocrine Tumor, Malignant	
* Thymus		Cyst	Minimal
* Thyroid Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Heart	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Mild
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Adenoma TGLS = 2,3-9: Hepatocellular Adenoma, Multiple]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504728

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Minimal
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Mild
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* 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	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 1-9]			
* Nose		Inflammation	Suppurative, Mild
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* 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	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
[Hepatocellular Adenoma TGLS = 2,3-9+3: Hepatocellular Adenoma, Multiple]		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2]			
* Nose		Inflammation	Suppurative, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Hyperplasia	Marked
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504730

ORGAN AND ACCOUNTABLE SITE STATUS

Mineralization

Mild

Neuroendocrine Tumor, Malignant

[Hyperplasia TGLS = 5-4]

[Neuroendocrine Tumor, Malignant TGLS = 5-4]

* Thymus

Cyst

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Cecum		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 6-10]			
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
[Cyst TGLS = 1-11: Cyst, Cortex, Mild]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Necrosis	Moderate
[Hepatocellular Adenoma TGLS = 3,4-10]			
[Hepatocellular Carcinoma TGLS = 2-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-4: Malignant Lymphoma]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 150 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504731

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Inflammation	Suppurative, Minimal
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 731
DOSE: 150 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Mild
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Minimal
	[Hepatoblastoma TGLS = 2-10: Hepatoblastoma, Multiple]		
	[Hepatocellular Adenoma TGLS = 3-9: Hepatocellular Adenoma, Multiple]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Cyst	Moderate
	[Cyst TGLS = 1-8: Cyst, Moderate]		
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* 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	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Portal	Hepatocellular Adenoma	Multiple
		Hypertrophy	Moderate
	[Hepatocellular Adenoma TGLS = 2-3: Hepatocellular Adenoma, Multiple]		
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-9]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild
	[Hyperplasia TGLS = 3-9]		
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Minimal
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504733

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Trachea		

MISSING

* Gallbladder	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Mild
	[Hepatocellular Adenoma TGLS = 3-3: Hepatocellular Adenoma]		
	[Hepatocellular Carcinoma TGLS = 2,4-10+9: Hepatocellular Carcinoma, Multiple]		
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 1-3: HYperplasia, Lymphoid, Lymph Follic, Moderate]		
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194	TRT#: 7	SEX: Male	DAY ON TEST: 727
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 9504734

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Mineralization	Mild
* Urinary Bladder		Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 731
DOSE: 150 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* 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	* Nose	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		[Hepatocellular Adenoma TGLS = 1,2,3,4-9+10: Hepatocellular Adenoma, Multiple]	
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Preputial Gland		Cyst	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504735

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* 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
* Nose	* Pancreas	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland	* Parathyroid Gland
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INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hemangiosarcoma	
		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Metastatic (Bone Marrow)
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		[Hemangiosarcoma TGLS = 2,3-3+10: Metastatic Hemangiosarcoma, Bone Marrow]	
		[Hepatocellular Adenoma TGLS = 2,4-3+4]	
		[Hepatocellular Carcinoma TGLS = 1-9: Hepatocellular Carcinoma]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504736

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Atrophy

Moderate

Ectasia

Mild

Neurondo Cell

Hyperplasia

Minimal

Hyperplasia

Mild

Inflammation

Chronic Active, Minimal

* Thymus

Cyst

Minimal

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
	[Cyst TGLS = 7-9: Cyst, Cortex, Mild]		
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	[Clear Cell Focus TGLS = 6-3: Clear Cell Focus]		
	[Hepatocellular Adenoma TGLS = 3,4,5,9-2+4+3+9: Hepatocellular Adenoma, Multiple]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 8-2]		
* Nose		Inflammation	Suppurative, Minimal
* Preputial GI			

Note: TGL#1-8-NCL: Focus, documented at necropsy, not apparent histologically.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 197	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 150 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504737

ORGAN AND ACCOUNTABLE SITE STATUS

* Sem Ves
Note: TGL#2-6-NCL: Seminal Vesicle considered to be within normal limits histologically. Discoloration, noted at necropsy probably due to engorgement with secretion.

* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Minimal
	Neurondo Cell	Hyperplasia	Marked
[Hyperplasia TGLS = 10-9]			
* Testes	Germinal Epith	Atrophy	Minimal
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 198 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 705
DOSE: 150 MG/KG **DISP:** Accidentally Killed **HISTO:** 9504738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
	Hepatocyte	Necrosis	Minimal
		Pigmentation	Hemosiderin, Mild
	[Eosinophilic Focus TGLS = 5-4]		
	[Hepatocellular Adenoma TGLS = 2-9: Hepatocellular Adenoma]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]		
Oral Mucosa	Pharyngeal	Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 198	TRT#: 7	SEX: Male	DAY ON TEST: 705
	DOSE: 150 MG/KG	DISP: Accidentally Killed	HISTO: 9504738

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Spinal Cord		Hemorrhage	Moderate
Note: TGL#4-10: Thoracic spinal was hemorrhagic histologically indicating an acute injury in this area. Exact fracture of bone was not demonstrated histologically. [Hemorrhage TGLS = 4-10: Hemorrhage Moderate]			
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-3: Hyperplasia, Lymphoid, Lymph Follic, Moderate]			
* Stomach, Glandular		Ectasia	Mild
		Hyperplasia	Atypical, Minimal
		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH - Spinal Cord Hemorrhage

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Note: Only one adrenal gland available for histological examination.			
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 1,2-9+4: Hepatocellular Adenoma, Multiple]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Moderate
		Ectasia	Mild
		Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 543

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-9: Malignant Lymphoma, Peyers Patch]		
* Kidney		Lymphoma Malignant	
		Nephropathy	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Marked
		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-7: Malignant Lymphoma, Mediastinal]		
	[Lymphoma Malignant TGLS = 4-9: Malignant Lymphoma, Renal]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-4: Malignant Lymphoma]		
* Pancreas		Lymphoma Malignant	
* Skin	Subcut Tiss	Inflammation	Suppurative, Mild
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200	TRT#: 7	SEX: Male	DAY ON TEST: 543
	DOSE: 150 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504740

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Atrophy Ectasia	Mild Minimal
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PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum Peyers Patch Lymphoma Malignant;Lymph Node Mediastinal Lymphoma Malignant;Lymph Node Renal Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 665
HISTO: 9504741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Eye	Cornea	Inflammation	Chronic Active, Moderate
Note: Cornea also is ulcerated.			
[Inflammation TGLS = 2-10: Inflammation, Chronic Act, Cornea, Moderate]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-8: Carcinoma]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 5,6-4+10: Hepatocellular Adenoma, Multiple]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 3-9]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-9: Necrosis, Fat, Marked]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 665 HISTO: 9504741
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Mild
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202

TRT#: 2

SEX: Female

DAY ON TEST: 706

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

* Gallbladder	* Stomach, Glandular
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Lymphoma Malignant	Mild
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-8: Malignant Lymphoma, Peyers Patch]		
* Kidney		Lymphoma Malignant	
* Liver		Hematopoietic Cell Proliferation Lymphoma Malignant	Mild
* Lung		Alveolar/Bronchiolar Adenoma Lymphoma Malignant	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-2: Alveolar Bronchiolar Adenoma]		
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation Lymphoma Malignant	Moderate
	[Lymphoma Malignant TGLS = 2-3: Malignant Lymphoma]		
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202	TRT#: 2	SEX: Female	DAY ON TEST: 706
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504742

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Inflammation	Chronic Active, Mild
* Uterus	Hydrometra	Moderate

[Hydrometra TGLS = 3-6: Hydrometra, Moderate]

PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum Peyers Patch Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 203

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 9504743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* 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
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Infiltration Cellular	Lymphocyte, Mild
	[Hepatocellular Adenoma TGLS = 1-3: Hepatocellular Adenoma]	Vacuolization Cytoplasmic	Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 2,3-3]		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504744

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-6: Hyperplasia, Cystic, Mild]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 205

TRT#: 2

SEX: Female

DAY ON TEST: 665

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Brain			
Note: Brain compression & cavitation secondary to pressure from pituitary gland neoplasm.			
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-8: Hepatocellular Carcinoma]			
* Ovary		Angiectasis Pigmentation	Mild Hemosiderin, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation Pigmentation	Minimal Hemosiderin, Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Basophilic Focus TGLS = 5-8: Basophilic Focus]			
[Clear Cell Focus TGLS = 4-3: Clear Cell Focus]			
[Hepatocellular Adenoma TGLS = 3,4-8+3: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 2-8: Hepatocellular Carcinoma]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-8: Malignant Lymphoma, Renal]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-1: Malignant Lymphoma]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504746

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	[Angiectasis TGLS = 6-7: Angiectasis, Pars Distalis, Mild]		
	[Hyperplasia TGLS = 6-7: Hyperplasia, Pars Distalis, Mild]		
* Salivary Glands		Lymphoma Malignant	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-6: Hyperplasia, Cystic, Moderate]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 673
HISTO: 9504747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Plasma Cell Tumor Malignant	Mild
* Bone Marrow		Hyperplasia Plasma Cell Tumor Malignant	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
Note: TGL#1-3: Renal cyst, documented at necropsy, is sinusoidal ectasia involving renal lymph node histologically.			
* Liver		Hematopoietic Cell Proliferation Infiltration Cellular Plasma Cell Tumor Malignant	Minimal Lymphocyte, Mild
Lymph Node	Renal	Ectasia	Marked
[Ectasia TGLS = 1-3: Ectasia, Marked, Renal]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Schwannoma Malignant	Metastatic (Skin)
Note: TGL#3-8: Skeletal muscle mass, documented at necropsy, is cutaneous malignant schwannoma histologically.			
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 3-8: Malignant Schwannoma, Subcutaneous Tissue]			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation Plasma Cell Tumor Malignant	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Moderate]			
[Plasma Cell Tumor Malignant TGLS = 2-3]			
* Stomach, Glandular		Ectasia Inflammation	Minimal Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 673 HISTO: 9504747
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Minimal
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Mild
* Uterus	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 4-6: Hyperplasia, Cystic, Moderate]

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 579
HISTO: 9504748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Uterus

MISSING

* Clitoral Gland	* Gallbladder
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AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Stomach, Glandular
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Note: Only one adrenal gland available for histologic examination.			
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Lymphoma Malignant	
* Liver	Hepatocyte	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-3: Malignant Lymphoma]	Vacuolization Cytoplasmic	Marked
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-7: Malignant Lymphoma, Mediastinal]		
	[Lymphoma Malignant TGLS = 4-8: Malignant Lymphoma, Lumbar]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-4: Malignant Lymphoma]		
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin			
Note: TGL#1-8: Skin within normal limits histologically.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 579
HISTO: 9504748

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant TGLS = 2-3: Malignant Lymphoma]	Lymphoma Malignant
* Thyroid Gland	Lymphoma Malignant
* Urinary Bladder	Lymphoma Malignant

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH - Liver Lymphoma Malignant;Lymph Node Lumbar Lymphoma Malignant;Lymph Node Mediastinal Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 209

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 695
HISTO: 9504749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum * Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Heart		Histiocytic Sarcoma	
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 2-2+3+4: Histiocytic Sarcoma]		
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Necrosis	Mild
* Ovary		Histiocytic Sarcoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Odontoma	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 1-8: Histiocytic Sarcoma]		

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

CONTRIBUTORY CAUSE OF DEATH

- Heart Histiocytic Sarcoma; Uterus Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210

TRT#: 2

SEX: Female

DAY ON TEST: 663

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Clitoral GI			
Note: Only one clitoral gland available for histologic examination.			
Note: TGL#1-6: Enlarged clitoral gland, documented at necropsy, is mammary gland adenoma histologically.			
* Heart		Mineralization	Mild
	Atrium	Thrombosis	Marked
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Lymphoma Malignant TGLS = 6-3+4: Malignant Lymphoma]			
[Vacuolization Cytoplasmic TGLS = 6-3+4: Vacuoliz Cyto, Hepatocyte, Marked]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
[Alveolar/Bronchiolar Adenoma TGLS = 10-2: Alveolar Bronchiolar Adenoma]			
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-7: Malignant Lymphoma, Mediastinal]			
[Lymphoma Malignant TGLS = 4-9: Malignant Lymphoma, Renal]			
[Lymphoma Malignant TGLS = 5-10: Malignant Lymphoma, Lumbar]			
* Lymph Node, Mandibular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 663
DOSE: 0 MG/KG **DISP:** Natural Death **HISTO:** 9504750

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 9-1: Malignant Lymphoma]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-8 Malignant Lymphoma]		
* Mammary Gland	Adenoma	
[Adenoma TGLS = 1-6: Adenoma]		
* Nose	Inflammation	Suppurative, Minimal
* Ovary	Lymphoma Malignant	
Note: Only one ovary available for histological examination.		
* Pancreas	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-4: Malignant Lymphoma]		
* Pituitary Gland	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3: Malignant Lymphoma]		
* Thymus	Lymphoma Malignant	
* Urinary Bladder	Lymphoma Malignant	
* Uterus	Hydrometra	Marked
	Lymphoma Malignant	
[Hydrometra TGLS = 2-6: Hydrometra, Marked]		

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH - Adrenal Cortex Lymphoma Malignant;Adrenal Medulla Lymphoma Malignant;Bone Marrow Lymphoma Malignant;Heart Atrium Thrombosis;Kidney Lymphoma Malignant;Liver Lymphoma Malignant;Lung Lymphoma Malignant;Lymph Node Lumbar Lymphoma Malignant;Lymph Node Mediastinal Lymphoma Malignant;Lymph Node Renal Lymphoma Malignant;Lymph Node;Mandibular Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant;Ovary Lymphoma Malignant;Pancreas Lymphoma Malignant;Pituitary Gland Lymphoma Malignant;Salivary Glands Lymphoma Malignant;Thymus Lymphoma Malignant;Urinary Bladder Lymphoma Malignant;Uterus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 211 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 732
DOSE: 0 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 4-4]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2: Alveolar Bronchiolar Adenoma]			
* Nose		Inflammation	Suppurative, Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Parathyroid Gland		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
[Angiectasis TGLS = 1-7: Angiectaisis, Pars Distalis, Moderate]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-3: Hema Cell Prolif, Red Pulp, Mild]			
* Thymus		Cyst	Mild
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 211

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504751

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder
* Uterus

Infiltration Cellular
Hyperplasia
Infiltration Cellular

Lymphocyte, Minimal
Cystic, Mild
Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 212

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 2-4: Hepatocellular Adenoma]		
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Marked
* Stomach, Glandular		Ectasia	Minimal
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild
	[Hydrometra TGLS = 1-6: Hydrometra, Moderate]		
	[Hyperplasia TGLS = 1-6: Hyperplasia, Cystic, Mild]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 213

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 9504753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Fibrosarcoma	Metastatic (Mesentery)
		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Minimal
* Liver		Fibrosarcoma	Metastatic (Mesentery)
		Hepatocellular Carcinoma	
Note: TGL#4-2+4-NCL: Liver nodules, documented at necropsy, not apparent histologically. [Hepatocellular Carcinoma TGLS = 2-8: Hepatocellular Carcinoma]			
* Lung	Mediastinum	Fibrosarcoma	Metastatic (Mesentery)
* Lymph Node, Mesenteric		Fibrosarcoma	Metastatic (Mesentery)
[Fibrosarcoma TGLS = 5-9: Metastatic Fibrosarcoma, Mesentery]			
Mesentery		Fibrosarcoma	
[Fibrosarcoma TGLS = 3-9: Fibrosarcoma]			
* Ovary		Fibrosarcoma	Metastatic (Mesentery)
* Pancreas		Fibrosarcoma	Metastatic (Mesentery)
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 1-6: Hydrometra, Mild]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 213

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504753

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver	Bile Duct	Cyst	Multiple, Moderate
		Cyst	Moderate
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2-3]		
	[Mixed Cell Focus TGLS = 1-4]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Forestomach		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLS = 4-8: Squamous Cell Carcinoma]		
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504754

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus
[Hyperplasia TGLS = 3-6: Hyperplasia, Cystic, Mild]

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 215

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Basophilic Focus TGLS = 3-3: Basophilic Focus]		
	[Eosinophilic Focus TGLS = 6-8]		
	[Hepatocellular Adenoma TGLS = 2,4,7-4+8+2]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 5-2: Alveolar Bronchiolar Adenoma]		
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Mild
	[Hydrometra TGLS = 1-6: Hydrometra, Mild]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 215

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504755

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 216

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Ovary
* Pancreas	* Pituitary Gland	* Stomach, Forestomach	* Thymus
* Trachea	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Tension Lipidosis	
* Lung		Infiltration Cellular	Lymphocyte, Moderate
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Infiltration Cellular	Lymphocyte, Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Skin	Subcut Tiss	Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 717
DOSE: 0 MG/KG **DISP:** Natural Death **HISTO:** 9504757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Duodenum

AUTO PRECLUDES DIAG.

* Gallbladder * Intestine Small, Jejunum * Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Liver		Basophilic Focus Hepatocellular Carcinoma Lymphoma Malignant	
[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4: Malignant Lymphoma]			
* Nose		Inflammation	Suppurative, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 2-6: Hydrometra, Mild]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lymph Node;Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Mammary Gland
Mesentery	* Nose	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 1-8: Hepatocellular Adenoma]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Ectasia	Marked
	[Ectasia TGLS = 2-9: Ectasia, Marked]		
Mesentery			
	Note: TGL#2-9: Mesenteric fat cyst, documented at necropsy, is ectatic mesenteric lymph node histologically.		
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504758

ORGAN AND ACCOUNTABLE SITE STATUS

	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 219 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 702
DOSE: 0 MG/KG **DISP:** Natural Death **HISTO:** 9504759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Gallbladder * Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Lymphoma Malignant	
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 5-8: Hepatocellular Adenoma]	Vacuolization Cytoplasmic	Moderate
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Nose	Nasolacrimal Duct	Inflammation	Suppurative, Minimal
* Ovary		Cyst	Moderate
		Lymphoma Malignant	
	[Cyst TGLS = 1-6: Cyst, Moderate]		
	[Lymphoma Malignant TGLS = 2-6: Malignant Lymphoma]		
* Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 219	TRT#: 2	SEX: Female	DAY ON TEST: 702
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504759

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-3: Malignant Lymphoma]			
* Stomach, Forestomach		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hydrometra	Mild
		Lymphoma Malignant	
[Hydrometra TGLS = 3-6: Hydrometra, Mild]			

PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Kidney Lymphoma Malignant;Liver Lymphoma Malignant;Lung Lymphoma Malignant;Lung Mediastinum Lymphoma Malignant;Lymph Node Mediastinal Lymphoma Malignant;Lymph Node;Mandibular Lymphoma Malignant;Mesentery Lymphoma Malignant;Ovary Lymphoma Malignant;Skin Subcut Tiss Lymphoma Malignant;Stomach;Forestomach Lymphoma Malignant;Thymus Lymphoma Malignant;Urinary Bladder Lymphoma Malignant;Uterus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 220

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular * Thymus

OBSERVATIONS

* Adrenal Cortex Note: Adrenal glands on slide #06.	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
[Hepatocellular Adenoma TGLS = 1-2+8: Hepatocellular Adenoma, Multiple]			
* Ovary Note: Ovaries on slide #07.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Inflammation	Chronic Active, Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 221

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
		Lymphoma Malignant	
		Myelofibrosis	Minimal
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Lymphoma Malignant TGLS = 3,4,5-2+4+3+8: Malignant Lymphoma]		
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-8: Malignant Lymphoma, Renal]		
	[Lymphoma Malignant TGLS = 10-10: Malignant Lymphoma, Lumbar]		
	[Lymphoma Malignant TGLS = 9-9: Malignant Lymphoma, Axillary]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-1: Malignant Lymphoma]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-4: Malignant Lymphoma]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 221	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 9504761
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Lymphoma Malignant	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]	Lymphoma Malignant	
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-6: Hyperplasia, Cystic, Moderate]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 222

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Clitoral GI			
Note: Only one clitoral gland available for histologic examination.			
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-8: Necrosis, Fat, Marked]			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-8: Carcinoma]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 4,5,6-3+8: Hepatocellular Adenoma, Multiple]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Ovary		Cyst	Moderate
		Cystadenoma	
[Cyst TGLS = 3-6: Cyst, Moderate]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild
[Hydrometra TGLS = 2-6: Hydrometra, Moderate]			
[Hyperplasia TGLS = 2-6: Hyperplasia, Cystic, Mild]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 224

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
	Hepatocyte	Tension Lipidosis	
	[Hepatocellular Adenoma TGLS = 3,4-4+8: Hepatocellular Adenoma, Multiple]	Vacuolization Cytoplasmic	Mild
* Ovary		Luteoma	
	[Luteoma TGLS = 1-6: Luteoma]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Moderate
	[Hydrometra TGLS = 2-6: Hydrometra, Moderate]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Ovary	* Pancreas	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 226

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* 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	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Mast Cell Tumor Malignant	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Mast Cell Tumor Malignant	
	[Hepatocellular Adenoma TGLS = 2-8: Hepatocellular Adenoma]	Vacuolization Cytoplasmic	Mild
	[Mast Cell Tumor Malignant TGLS = 1-3]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Mast Cell Tumor Malignant	
	[Mast Cell Tumor Malignant TGLS = 1-3]		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hydrometra	Moderate
	[Hydrometra TGLS = 3-6: Hydrometra, Moderate]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 227

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 728
HISTO: 9504767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Blood Vessel		Mineralization	Marked
Note: Aorta on slide #02.			
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-8: Carcinoma]			
* Heart		Mineralization	Mild
* Int Lg Rectum			
Note: Rectum on slide# 03.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 3,6-8+4]		Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 4-3]			
* Lung			
Note: TGL#5-2-NCL: Lung Nodule not apparent histologically.			
* Nose		Carcinoma	Metastatic (Harderian Gland)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 227	TRT#: 2	SEX: Female	DAY ON TEST: 728
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9504767

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild
* Stomach, Glandular		Mineralization	Mild
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 2-6: Hydrometra, Moderate]			

PRIMARY CAUSE OF DEATH	- Harderian Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Adenoma;Nose Carcinoma Harderian Gland

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228

TRT#: 2

SEX: Female

DAY ON TEST: 670

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Moderate
* Brain		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 8-1: Malignant Lymphoma]		
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-7: Malignant Lymphoma, Mediastinal]		
	[Lymphoma Malignant TGLS = 5-10: Malignant Lymphoma, Lumbar]		
	[Lymphoma Malignant TGLS = 4-9: Malignant Lymphoma, Renal]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-1: Malignant Lymphoma]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-8: Malignant Lymphoma]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 670
DOSE: 0 MG/KG **DISP:** Natural Death **HISTO:** 9504768

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Lymphoma Malignant	
* Ovary			
Note: Only one ovary available for histological examination.			
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skeletal Muscle		Lymphoma Malignant	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3: Malignant Lymphoma]			
* Stomach, Forestomach		Hyperkeratosis	Mild
* Thymus		Lymphoma Malignant	
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-6: Hydrometra, Moderate]			
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Lymphoma Malignant; Adrenal Medulla Lymphoma Malignant; Brain Lymphoma Malignant; Heart Lymphoma Malignant; Kidney Lymphoma Malignant; Liver Lymphoma Malignant; Lung Lymphoma Malignant; Lymph Node Renal Lymphoma Malignant; Lymph Node Mediastinal Lymphoma Malignant; Lymph Node Pancreatic Lymphoma Malignant; Lymph Node Lumbar Lymphoma Malignant; Lymph Node; Mandibular Lymphoma Malignant; Lymph Node; Mesenteric Lymphoma Malignant; Mesentery Lymphoma Malignant; Pancreas Lymphoma Malignant; Skeletal Muscle Lymphoma Malignant; Thymus Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 229

TRT#: 2

SEX: Female

DAY ON TEST: 632

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Fibrosis	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Mineralization	Mild
	Hepatocyte	Necrosis	Marked
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-8: Malignant Lymphoma, Lumbar]		
	[Lymphoma Malignant TGLS = 4-9: Malignant Lymphoma, Renal]		
Mesentery	Fat	Necrosis	Marked
	Note: TGL#5-8: One of the mesenteric fat nodules, documented at necropsy, is a necrotic & partially organized piece of liver.		
	[Necrosis TGLS = 5-8: Necrosis, Fat, Marked]		
* Nose		Inflammation	Suppurative, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		Necrosis	Mild
	[Lymphoma Malignant TGLS = 6,7-9: Malignant Lymphoma]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 229	TRT#: 2	SEX: Female	DAY ON TEST: 632
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504769

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Mild
* Uterus	Hydrometra	Moderate
	Hyperplasia	Cystic, Marked

[Hydrometra TGLS = 2-6: Hydrometra, Moderate]
[Hyperplasia TGLS = 1-8: Hyperplasia, Cystic, Marked]

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH - Lymph Node Renal Lymphoma Malignant;Lymph Node Lumbar Lymphoma Malignant;Uterus Hyperplasia

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 230

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 178
HISTO: 9504770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Hepatocyte	Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 231

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 610
HISTO: 9504771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Ovary			
Note: Only one ovary available for histological examination.			
Note: TGL#1-6-NCL: Cyst, documented at necropsy, not apparent histologically.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Marked

[Hydrometra TGLS = 2-6: Hydrometra, Marked]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland * Thymus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histologic examination.			
Eye		Carcinoma	Metastatic (Harderian Gland)
		Hemorrhage	Marked
		Inflammation	Suppurative, Moderate
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-8: Carcinoma]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 3-8: Hepatocellular Carcinoma]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2: Alveolar Bronchiolar Carcinoma]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 232	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504772

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 5-4: Necrosis, Fat, Marked]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-6: Cyst, Mild]			
* Pancreas	Note: Pancreatic mass, documented at necropsy, is necrotic mesenteric fat nodule histologically.		
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 233

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 234

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 652
HISTO: 9504774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-8: Carcinoma]			
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-1: Hyperplasia, Plasma Cell, Moderate]			
[Hyperplasia TGLS = 3-1: Hyperplasia, Lymphoid, Moderate]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Moderate]			
* Stomach, Glandular		Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 235

TRT#: 2

SEX: Female

DAY ON TEST: 718

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
[Hepatocellular Adenoma TGLS = 2-4: Hepatocellular Adenoma]			
[Hepatocellular Carcinoma TGLS = 3-8: Hepatocellular Carcinoma]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8: Necrosis, Fat, Marked]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 4-6: Hydrometra, Moderate]			

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 236

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 564
HISTO: 9504776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Gallbladder	* Islets, Pancreatic	* Pancreas	* Stomach, Glandular
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-2+3+4: Malignant Lymphoma]			
* Lung		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]			
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Liver Lymphoma Malignant; Lung Lymphoma Malignant; Ovary Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 237

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocyte, Minimal
	Hepatocyte	Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 3-4: Hepatocellular Adenoma]	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 2-3: Hyperplasia, Lymphoid, Lymph Follic, Moderate]		
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Moderate
	[Hydrometra TGLS = 1-6: Hydrometra, Moderate]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 238

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal
* Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Moderate

[Hydrometra TGLS = 1-6: Hydrometra, Moderate]

[Hyperplasia TGLS = 1-6: Hyperplasia, Cystic, Moderate]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Trachea
* Uterus			

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-3: Malignant Lymphoma]	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504779

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 240

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 1,2,3,4,5-8+3+4+8+2: Hepatocellular Aden, Multiple]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Infiltration Cellular	Lymphocyte, Minimal
	[Hepatocellular Adenoma TGLS = 2-8: Hepatocellular Adenoma]	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLS = 1-2: Alveolar Bronchiolar Adenoma, Multiple]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-8: Mixed Cell Focus]			
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Marked

[Hydrometra TGLS = 1-6: Hydrometra, Marked]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 243	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	[Hepatocellular Adenoma TGLS = 1-3: Hepatocellular Adenoma]		
* Nose		Inflammation	Suppurative, Mild
* Ovary		Cystadenoma	
		Mineralization	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 630

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex [Degeneration TGLS = 3-7: Degeneration, Fatty, Moderate]		Degeneration	Fatty, Moderate
* Bone Marrow		Hyperplasia Myelofibrosis	Moderate Mild
* Liver		Inflammation	Chronic Active, Minimal
* Nose		Inflammation	Suppurative, Minimal
* Ovary [Cyst TGLS = 2-6: Cyst, Mild]		Cyst	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus [Hyperplasia TGLS = 1-6: Hyperplasia, Cystic, Minimal]		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 245

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 9504785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
		Myelofibrosis	Mild
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Lung			
Note: TGL#2-2-NCL: Focus, documented at necropsy, not apparent histologically.			
* Ovary			
Note: Only one ovary available for histological examination.			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-6: Hydrometra, Marked]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 673
HISTO: 9504786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Lymphoma Malignant	
	[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma]	Necrosis	Minimal
	[Lymphoma Malignant TGLS = 3-8: Malignant Lymphoma]		
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
* Ovary		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 673

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9504786

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Moderate]

[Lymphoma Malignant TGLS = 2-3: Malignant Lymphoma]

* Thymus	Lymphoma Malignant	
Tooth	Inflammation	Chronic Active, Moderate
* Urinary Bladder	Lymphoma Malignant	
* Uterus	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Heart Lymphoma Malignant;Kidney Lymphoma Malignant;Lung Lymphoma Malignant;Lymph Node Inguinal Lymphoma Malignant;Lymph Node;Mandibular Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant;Mesentery Lymphoma Malignant;Ovary Lymphoma Malignant;Skin Subcut Tiss Lymphoma Malignant;Spleen Lymphoma Malignant;Thymus Lymphoma Malignant;Urinary Bladder Lymphoma Malignant;Uterus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 247

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung	Mediastinum	Lymphoma Malignant	
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]		
	[Angiectasis TGLS = 2-7: Angiectasis, Pars Distalis, Moderate]		
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]		
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 248

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
* Lung			
Note: TGL#4-2-NCL: Nodule, documented at necropsy, not apparent histologically.			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8: Necrosis, Fat, Marked]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-6: Cyst, Moderate]			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Mineralization	Minimal
* Thymus		Cyst	Minimal
* Uterus		Hydrometra	Mild
		Hyperplasia	Cystic, Moderate
[Hydrometra TGLS = 3-6: Hydrometra, Mild]			
[Hyperplasia TGLS = 3-6: Hyperplasia, Cystic, Moderate]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 248

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 9504788

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 249

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Trachea	

MISSING

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-6: Cyst, Moderate]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6: Hyperplasia, Cystic]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* 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	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Infiltration Cellular	Lymphocyte, Minimal
	[Hepatocellular Adenoma TGLS = 2-8: Hepatocellular Adenoma]	Vacuolization Cytoplasmic	Minimal
Mesentery		Inflammation	Chronic Active, Moderate
* Ovary		Cystadenoma	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Moderate
	[Hydrometra TGLS = 1-6: Hydrometra, Moderate]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 251

TRT#: 4

SEX: Female

DAY ON TEST: 477

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 1,2-8: Hepatocellular Adenoma, Multiple]		
	[Vacuolization Cytoplasmic TGLS = 3-4+8: Vacuoliz Cytoplasm, Hepatocyte, Mild]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252

TRT#: 4

SEX: Female

DAY ON TEST: 721

DOSE: 37 MG/KG

DISP: Dosing Accident

HISTO: 9504792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Marked
* Kidney	Cortex	Cyst	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Hepatocyte	Atypia Cellular	Mild
		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 1-2+3+8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Inflammation	Suppurative, Minimal
* Parathyroid Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252	TRT#: 4	SEX: Female	DAY ON TEST: 721
	DOSE: 37 MG/KG	DISP: Dosing Accident	HISTO: 9504792

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperkeratosis	Mild
Note: TGL#2-4-NCL: Perforation, documented at necropsy, not demonstrated histologically.			
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Heart Atrium Thrombosis

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma;Lung Hepatocellular Carcinoma Liver

Animal Note: Perforated stomach, documented at necropsy but not demonstrated histologically, also played an important part in the death of this animal.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253

TRT#: 4

SEX: Female

DAY ON TEST: 605

DOSE: 37 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Mild
	[Hepatocellular Adenoma TGLS = 2-8]		
	[Hepatocellular Carcinoma TGLS = 1-2+8: Hepatocellular Carcinoma, Multiple]		
* Nose		Inflammation	Suppurative, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Pigmentation	Hemosiderin, Mild
[Eosinophilic Focus TGLS = 4-9: Eosinophilic Focus]			
[Hepatocellular Adenoma TGLS = 1,2,3,5-4+9+8: Hepatoclr Adenoma, Multiple]			
[Mixed Cell Focus TGLS = 6-3: Mixed Cell Focus]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Suppurative, Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504794

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Ectasia

Minimal

Inflammation

Chronic Active, Minimal

* Thymus

Cyst

Minimal

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

* Uterus

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255

TRT#: 4

SEX: Female

DAY ON TEST: 719

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* 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	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Marked
		Hepatocellular Adenoma	Multiple
	Oval Cell	Histiocytic Sarcoma	
	[Hepatocellular Adenoma TGLS = 2-2+3+4+8: Hepatocellular Adenoma, Multiple]	Hyperplasia	Mild
* Lung		Histiocytic Sarcoma	
* Ovary			
	Note: Only one ovary available for histological examination.		
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Marked]	Histiocytic Sarcoma	
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255

TRT#: 4

SEX: Female

DAY ON TEST: 719

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504795

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Liver Histiocytic Sarcoma;Lung Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 256 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 687
DOSE: 37 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-4: Malignant Lymphoma, Peyers Patch]		
* Kidney		Lymphoma Malignant	
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 3-2+9+10: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 3-4 Hepatocellular Carcinoma]		
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose		Inflammation	Suppurative, Minimal
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Fibrosarcoma	Metastatic (Skin)

Note: TGL#2-8: Skeletal muscle mass, documented at necropsy, is cutaneous fibrosarcoma histologically.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 256	TRT#: 4 DOSE: 37 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 687 HISTO: 9504796
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ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Fibrosarcoma TGLS = 2-8: Fibrosarcoma, Subcutaneous Tissue]	Subcut Tiss	Fibrosarcoma	
* Spleen [Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]		Lymphoma Malignant	
* Stomach, Glandular		Ectasia Inflammation	Minimal Chronic Active, Minimal
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum Peyers Patch Lymphoma Malignant;Kidney Lymphoma Malignant;Liver Hepatocellular Adenoma;Liver Hepatocellular Carcinoma;Liver Lymphoma Malignant;Lung Lymphoma Malignant;Lymph Node Inguinal Lymphoma Malignant;Lymph Node Mediastinal Lymphoma Malignant;Lymph Node;Mandibular Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant;Pancreas Lymphoma Malignant;Salivary Glands Lymphoma Malignant;Thymus Lymphoma Malignant;Urinary Bladder Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* 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	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Gallbladder		Infiltration Cellular	Lymphocyte, Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	
	Oval Cell	Hepatocellular Adenoma	Multiple
		Hyperplasia	Mild
	Hepatocyte	Infiltration Cellular	Lymphocyte, Mild
	[Hepatocellular Adenoma TGLS = 5-2+3+4+8: Hepatocellular Adenoma, Multiple]	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Lumbar	Ectasia	Marked
	[Ectasia TGLS = 4-8: Ectasia, Marked, Lumbar]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 3-8: Necrosis, Fat, Marked]		
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 2-3: Hyperplasia, Lymphoid, Lymph Follic, Moderate]		
* Stomach, Glandular		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504797

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

* Uterus

Hydrometra

Moderate

Hyperplasia

Cystic, Mild

[Hydrometra TGLS = 1-6: Hydrometra, Moderate]

[Hyperplasia TGLS = 1-6: Hyperplasia, Cystic, Mild]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 732
DOSE: 37 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 1-4+9: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 2-8: Hepatocellular Carcinoma]		
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Skeletal Muscle		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504798

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

* Uterus

Infiltration Cellular

Lymphocyte, Minimal

Hydrometra

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 259	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: 37 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatoblastoma TGLS = 1-9]		
	[Hepatocellular Adenoma TGLS = 1-2+9: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1,2-3+8: Hepatocellular Carcinoma, Multiple]		
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 260

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* 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	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1,2,3-8+2+4+9]			
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Skeletal Muscle		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Lymph Follic	Hyperplasia	Lymphoid, Mild
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 261

TRT#: 4

SEX: Female

DAY ON TEST: 627

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatoblastoma TGLS = 2-3]		
	[Hepatocellular Adenoma TGLS = 2-2+4+8]		
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 1-8: Necrosis, Fat, Marked]		
* Nose	Nasolacrimal Duct	Inflammation	Suppurative, Mild
* Ovary			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 261	TRT#: 4	SEX: Female	DAY ON TEST: 627
	DOSE: 37 MG/KG	DISP: Natural Death	HISTO: 9504801

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Only one ovary available for histological examination.

* Salivary Glands

* Spleen

Red Pulp

Infiltration Cellular

Hematopoietic Cell Proliferation

Lymphocyte, Minimal

Moderate

PRIMARY CAUSE OF DEATH

-

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hemangiosarcoma	Metastatic (Spleen)
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hemangiosarcoma TGLS = 4-10: Metastatic Hemangiosarcoma, Spleen]		
	[Hepatocellular Adenoma TGLS = 3,4-8+2+4+10: Hepatocellular Adenoma, Multiple]		
* Lung	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	[Hyperplasia TGLS = 5-9: Hyperplasia, Alveolar Epithelium, Moderate]		
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-3: Hemangiosarcoma]		
* Stomach, Glandular		Ectasia	Minimal
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504802

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Minimal
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Hydrometra	Moderate
	Hyperplasia	Cystic, Moderate

[Hydrometra TGLS = 2-6: Hydrometra, Moderate]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 263

TRT#: 4

SEX: Female

DAY ON TEST: 493

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 4-9: Eosinophilic Focus]			
[Hepatocellular Adenoma TGLS = 2,3-8+9: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma]			
* Lymph Node, Mesenteric		Necrosis	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Necrosis	Mild
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264

TRT#: 4

SEX: Female

DAY ON TEST: 652

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Gallbladder	* Intestine Small, Ileum
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AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hemangioma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		[Hepatocellular Adenoma TGLS = 2-3+8]	
		[Hepatocellular Carcinoma TGLS = 2-2+3+4+8: Hepatocellular Carcinoma, Multiple]	
* Lung		Alveolar/Bronchiolar Adenoma	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Marked]	

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 265

TRT#: 4

SEX: Female

DAY ON TEST: 720

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 4-8: Adenoma]			
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Necrosis	Moderate
[Hepatocellular Carcinoma TGLS = 3-2+9+10: Hepatocellular Carcinoma, Multiple]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Moderate]			
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 1-6: Hydrometra, Marked]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 266

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Ovary	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9: Adenoma]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Mild
		Pigmentation	Hemosiderin, Minimal
[Hepatocellular Adenoma TGLS = 3-2+4+10: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 3,4-3+8: Hepatocellular Carcinoma, Multiple]			
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-2: Hyperplasia, Follicular Cell, Moderate]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 266

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504806

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Mild

* Uterus

Hydrometra

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 267

TRT#: 4

SEX: Female

DAY ON TEST: 562

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Lymphoma Malignant	
		[Hepatocellular Adenoma TGLS = 4,8-3+8]	
		[Hepatocellular Carcinoma TGLS = 4,5-8]	
		[Lymphoma Malignant TGLS = 4,6,7-2+3+4+8: Malignant Lymphoma]	
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 3-4: Malignant Lymphoma]	
Mesentery		Lymphoma Malignant	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Ovary		Lymphoma Malignant	

Note: Only one ovary available for histologic examination.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 267

TRT#: 4

SEX: Female

DAY ON TEST: 562

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504807

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Lymphoma Malignant
* Spleen	Lymphoma Malignant
[Lymphoma Malignant TGLS = 2-3: Malignant Lymphoma]	
* Urinary Bladder	Lymphoma Malignant
* Uterus	Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Intestine Small;Duodenum Lymphoma Malignant;Kidney Lymphoma Malignant;Liver Hepatocellular Carcinoma;Liver Lymphoma Malignant;Lung Lymphoma Malignant;Lymph Node Inguinal Lymphoma Malignant;Lymph Node Mediastinal Lymphoma Malignant;Lymph Node;Mandibular Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant;Mesentery Lymphoma Malignant;Ovary Lymphoma Malignant;Pancreas Lymphoma Malignant;Urinary Bladder Lymphoma Malignant;Uterus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 268

TRT#: 4

SEX: Female

DAY ON TEST: 516

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Intestine Small, Ileum	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Moderate
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Moderate

[Hepatocellular Adenoma TGLS = 2-8: Hepatocellular Adenoma]

[Hepatocellular Carcinoma TGLS = 2-2+3+4+8: Hepatocellular Carcinoma, Multiple]

* Lung

Note: TGL#3-2-NCL: Lung focus not apparent histologically.

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Moderate

[Hydrometra TGLS = 1-6: Hydrometra, Moderate]

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 268

TRT#: 4

SEX: Female

DAY ON TEST: 516

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504808

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Trachea
* Uterus			

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Mild
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Adenoma TGLS = 2-9+10: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1,2-8+9+10: Hepatocellular Carcinoma, Multiple]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Nose		Inflammation	Suppurative, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504809

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 270

TRT#: 4

SEX: Female

DAY ON TEST: 675

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Urinary Bladder		

MISSING

* Esophagus	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Thyroid Gland	* Trachea

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Brain			
Note: Cerebellum missing			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Adenoma TGLS = 2-4+8]			
[Hepatocellular Carcinoma TGLS = 2-2+3+4+8: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1-2: Metastatic Hepatocellular Carcinoma, Liver]			
* Nose	Nasolacrimal Duct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
* Ovary			
Note: Only one ovary available for histologic examination.			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Uterus		Hydrometra	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 270

TRT#: 4

SEX: Female

DAY ON TEST: 675

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504810

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
[Eosinophilic Focus TGLS = 1-2]			
[Hepatocellular Adenoma TGLS = 1,2-4+9+8: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-9]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3: Malignant Lymphoma]			
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus		Hydrometra	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504811

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 617

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Brain	* Lymph Node, Mandibular	* Pituitary Gland	* Salivary Glands
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Note: Only one adrenal gland available for histologic examination.			
* Bone Marrow		Hyperplasia	Marked
* Kidney		Accumulation, Hyaline Droplet	Moderate
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Minimal
		Schwannoma Malignant	Metastatic (Mesentery)
Note: TGL#3-10: One of the mesenteric nodules, documented at necropsy, was a portion of liver.			
		[Hepatocellular Adenoma TGLS = 1,3,4-8+10+3+4]	
		[Hepatocellular Carcinoma TGLS = 4-8:Hepatocellular Carcinoma]	
		[Schwannoma Malignant TGLS = 3-10]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Schwannoma Malignant	Metastatic (Mesentery)
		[Schwannoma Malignant TGLS = 2-9]	
Mesentery	Fat	Necrosis	Moderate
		Schwannoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 617

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504812

ORGAN AND ACCOUNTABLE SITE STATUS

[Schwannoma Malignant TGLS = 3-10]

* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Ovary		Angiectasis	Moderate
		Schwannoma Malignant	Metastatic (Mesentery)
* Pancreas		Schwannoma Malignant	Metastatic (Mesentery)
Peritoneum		Schwannoma Malignant	Metastatic (Mesentery)
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma; Liver Schwannoma Malignant Mesentery; Lung Hepatocellular Carcinoma Liver; Lymph Node; Mesenteric Schwannoma Malignant Mesentery; Ovary Schwannoma Malignant Mesentery; Pancreas Schwannoma Malignant Mesentery; Peritoneum Schwannoma Malignant Mesentery

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504813

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
		Myelofibrosis	Mild
* Kidney		Lymphoma Malignant	
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 8,9-2+8+4+11: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 9-3+11: Hepatocellular Carcinoma, Multiple]		
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 10-9: Malignant Lymphoma, Renal]		
	[Lymphoma Malignant TGLS = 6-7: Malignant Lymphoma, Mediastinal]		
	[Lymphoma Malignant TGLS = 5-10: Malignant Lymphoma, Lumbar]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-1: Malignant Lymphoma]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-4: Malignant Lymphoma]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 37 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504814

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Cyst	Moderate
		Lymphoma Malignant	
	[Cyst TGLS = 1,2-6: Cyst, Moderate]		
	[Lymphoma Malignant TGLS = 1-6: Malignant Lymphoma]		
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 7-3: Hema Cell Prolif, Red Pulp, Moderate]		
	[Lymphoma Malignant TGLS = 7-3: Malignant Lymphoma]		
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 578

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Fibrosarcoma	Metastatic (Skin)
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Accumulation, Hyaline Droplet	Marked
* Liver		Fibrosarcoma	Metastatic (Skin)
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	[Hepatocellular Adenoma TGLS = 3-3+4+9]		
	[Hepatocellular Carcinoma TGLS = 3-9]		
* Lym Node Mesen			
	Note: TGL#2-4: Enlarged mesenteric lymph node, documented at necropsy, is metastatic cutaneous fibrosarcoma involving mesentery histologically.		
Mesentery		Fibrosarcoma	Metastatic (Skin)
	[Fibrosarcoma TGLS = 2-4: Metastatic Fibrosarcoma, Skin]		
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Fibrosarcoma	Metastatic (Skin)
	Note: Only one ovary available for histologic examination.		
* Pancreas		Fibrosarcoma	Metastatic (Skin)
* Skin	Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLS = 1-8: Fibrosarcoma, Subcutaneous Tissue]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275	TRT#: 4 DOSE: 37 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 578 HISTO: 9504815
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular Tissue NOS		Ectasia	Minimal
Note: TGL#1-8: Tissue NOS mass, documented at necropsy, is cutaneous fibrosarcoma histologically.			
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss	Fibrosarcoma							
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex	Fibrosarcoma	Skin;Liver	Fibrosarcoma	Skin;Liver	Hepatocellular Carcinoma;Mesentery	Fibrosarcoma	Skin;Ovary	Fibrosarcoma
	Skin;Pancreas	Fibrosarcoma	Skin						

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276

TRT#: 4

SEX: Female

DAY ON TEST: 604

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Cyst	Mild
	[Cyst TGLS = 1-6: Cyst, Mild]		
* Intestine Small, Jejunum		Inflammation	Suppurative, Marked
	[Inflammation TGLS = 8-8: Inflammation, Suppurative, Marked]	Ulcer	Marked
	[Ulcer TGLS = 8-8: Ulcer, Marked]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	[Hepatocellular Adenoma TGLS = 6-8: Hepatocellular Adenoma]		
	[Hepatocellular Carcinoma TGLS = 3,4,5-2+4+3+8: Hepatoclr Carcinoma, Multiple]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-4: Malignant Lymphoma]		
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276	TRT#: 4 DOSE: 37 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 604 HISTO: 9504816
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Moderate]	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia Inflammation	Minimal Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum Inflammation;Intestine Small;Jejunum Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 277

TRT#: 4

SEX: Female

DAY ON TEST: 582

DOSE: 37 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	[Hepatocellular Adenoma TGLS = 1-8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-3+4+8: Hepatocellular Carcinoma, Multiple]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked
* Stomach, Glandular		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278

TRT#: 4

SEX: Female

DAY ON TEST: 632

DOSE: 37 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* 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	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
Blood Vessel		Inflammation	Chronic Active, Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
	Artery	Inflammation	Chronic Active, Moderate
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hepatocellular Carcinoma	
		Hyperplasia	Mild
	[Hepatocellular Adenoma TGLS = 2,4,5,6,7-9+3+10+2+4+11: Hepatoclr Aden, Multiple]		
	[Hepatocellular Carcinoma TGLS = 3-8: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 9-2+8: Metastatic Hepatocellular Carcinoma, Liver]		
* Lymph Node, Mesenteric		Ectasia	Moderate
	[Ectasia TGLS = 8-9: Ectasia, Moderate]		
Mesentery	Artery	Inflammation	Chronic Active, Moderate
	Artery	Necrosis	Fibrinoid, Moderate

Note: TGL#8-9: Discolored mesenteric fat, documented at necropsy, is ectatic mesenteric lymph node histologically.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278	TRT#: 4	SEX: Female	DAY ON TEST: 632
	DOSE: 37 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504818

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Inflammation	Suppurative, Minimal
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
	Artery	Necrosis	Fibrinoid, Mild
Peripheral Nerve		Demyelination	Minimal
Skeletal Muscle	Artery	Inflammation	Chronic Active, Moderate
Spinal Cord		Demyelination	Minimal
	Artery	Inflammation	Chronic Active, Moderate
	Artery	Necrosis	Fibrinoid, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Urin Bladder			
Note: TGL#1-3-NCL: Urinary Bladder is dilated, probably filled with urine at necropsy, but is normal histologically.			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma;Lung	Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 279

TRT#: 4

SEX: Female

DAY ON TEST: 519

DOSE: 37 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* 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
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 1,2,3-8+3+9+4+10: Hepatocellular Adenoma, Multiple]		
* Ovary		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280

TRT#: 4

SEX: Female

DAY ON TEST: 567

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Intestine Small, Duodenum	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Int Sm Ileum			
Note: Ileum on slide #04.			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 1-8: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma, Multiple]			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
* Uterus		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma; Uterus Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 658

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Clitoral Gland	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Metaplasia	Osseous, Mild
		Mineralization	Moderate
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Mineralization	Minimal
	Hepatocyte	Pigmentation	Hemosiderin, Mild
	[Hepatocellular Adenoma TGLS = 1-2+3+4: Hepatocellular Adenoma, Multiple]	Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fibrosis	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2-4]		
	[Hepatocellular Carcinoma TGLS = 2-3+8: Hepatocellular Carcinoma, Multiple]		
* Nose		Inflammation	Suppurative, Minimal
* Ovary			
Note: Only one ovary available for histological examination.			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 282	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: 37 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504822

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Skeletal Muscle		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Pinna, Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLS = 1-8: Fibrosarcoma, Subcutaneous Tissue, Pinna]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Minimal
	[Hyperplasia TGLS = 3-9]		
* Stomach, Glandular		Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	[Hepatocellular Adenoma TGLS = 1-3+8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-2+4: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-2: Metastatic Hepatocellular Carcinoma, Liver]		
Lymph Node	Pancreatic	Hyperplasia	Moderate
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Mild
* Ovary			
	Note: Only one ovary available for histological examination.		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504823

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 605

DOSE: 37 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Cyst	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Hemosiderin, Mild
		[Hepatocellular Adenoma TGLS = 1-2+3+4: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma]	
* Lymph Node, Mesenteric		Angiectasis	Marked
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 605

DOSE: 37 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504824

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 629

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Skin	* Stomach, Forestomach
* Thymus			

MISSING

* Brain	* Gallbladder	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adren Cortex			
Note: Only one adreanal gland available for histologic examination.			
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Mild
[Hepatocellular Adenoma TGLS = 3-3+8+9: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 3-9]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 2-6: Cyst, Mild]			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-6: Hydrometra, Moderate]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 629

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504825

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hepatocellular Carcinoma	Multiple
		Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Mild
		[Hepatocellular Adenoma TGLS = 4-2+3: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 3,4-8+2+4: Hepatocellular Carcinoma, Multiple]	
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
		[Hyperplasia TGLS = 2-3: Hyperplasia, Lymphoid, Lymph Follic, Moderate]	
* Stomach, Glandular		Ectasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hydrometra	Marked
		[Hydrometra TGLS = 1-6: Hydrometra Marked]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* 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	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Infiltration Cellular	Lymphocyte, Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Minimal
[Hepatoblastoma TGLS = 2-9]			
[Hepatocellular Adenoma TGLS = 1,2-8+2+3+4+9: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 2-9: Hepatocellular Carcinoma]			
* Ovary		Infiltration Cellular	Lymphocyte, Moderate
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal
	Neurondo Cell	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504827

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 288	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: 37 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* 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	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Ovary	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Hemosiderin, Mild
		[Hepatocellular Adenoma TGLS = 2-2+4: Hepatocellular Adenoma]	
		[Hepatocellular Carcinoma TGLS = 1,2-8+3]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 562

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Oval Cell	Hepatocellular Adenoma	Multiple
		Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	[Hepatocellular Adenoma TGLS = 1,2-8+2+4: Hepatocellular Adenoma, Multiple]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2: Alveolar Bronchiolar Adenoma]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 633

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Trachea	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Fibrosis	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hepatoblastoma TGLS = 3-2: Hepatoblastoma]			
[Hepatocellular Adenoma TGLS = 3-2+4+9: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma]			
* Spleen	Lymph Follic	Depletion Cellular	Moderate
	Red Pulp	Hematopoietic Cell Proliferation	Mild
Note: Spleen size at necropsy probably also affected by the presence of moderate congestion.			
[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Mild]			
* Stomach, Glandular		Ectasia	Minimal
* Thymus	Thymocyte	Necrosis	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 633

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504831

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 661

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Brain	* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands
* Thyroid Gland			

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 2-3+4+8: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 2-8: Hepatocellular Carcinoma]			
* Nose	Nasolacrimal Duct	Inflammation	Suppurative, Minimal
* Ovary			
Note: Only one ovary available for histological examination.			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 661

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504832

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Ovary	* Parathyroid Gland	Skeletal Muscle	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral GI			
Note: Only one clitoral gland available for histologic examination.			
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 3-4: Hepatocellular Adenoma]			
[Hepatocellular Carcinoma TGLS = 3,4-3+4+8: Hepatocellular Carcinoma, Multiple]			
* Ovary			
Note: Only one ovary available for histologic examination.			
* Pancreas	Acinus	Atrophy	Marked
		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504833

ORGAN AND ACCOUNTABLE SITE STATUS

Skel Muscle

Note: TGL#1-9: Skeletal muscle mass, documented at necropsy, is a subcutaneous fibrosarcoma histologically.

* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-9: Fibrosarcoma, Subcutaneous Tissue]			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 2-6: Hydrometra, Marked]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hepatocellular Carcinoma	
		Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Minimal
		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Lymphocyte, Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Hematopoietic Cell Proliferation	Moderate
		Ecstasia	Minimal
		Inflammation	Chronic Active, Minimal
		Inflammation	Chronic Active, Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Hydrometra	Moderate

[Hepatocellular Adenoma TGLS = 3,4-8+2+4+9: Hepatocellular Adenoma, Multiple]
 [Hepatocellular Carcinoma TGLS = 4-9: Hepatocellular Carcinoma]

* Lung
 * Pancreas
 Pleura
 Note: TGL#5-7-NCL: Discoloration, noteda at trim, due to congestion.

* Salivary Glands
 * Spleen
 [Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Proliferation, Red Pulp, Moderate]

* Stomach, Glandular
 * Thyroid Gland
 * Urinary Bladder
 * Uterus

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504834

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 1-6: Hydrometra, Moderate]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 664

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Gallbladder * Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Mineralization	Minimal
* Intestine Small, Duodenum		Inflammation	Chronic Active, Moderate
	Epithelium	Necrosis	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Moderate
		Infiltration Cellular	Lymphocyte, Mild
		Mineralization	Minimal
		[Hepatocellular Carcinoma TGLS = 3-4+8: Hepatocellular Carcinoma, Multiple]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Marked]	
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
		[Necrosis TGLS = 4-8]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295	TRT#: 4	SEX: Female	DAY ON TEST: 664
	DOSE: 37 MG/KG	DISP: Natural Death	HISTO: 9504835

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Hydrometra	Moderate
[Hydrometra TGLS = 2-6: Hydrometra, Moderate]		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 596

DOSE: 37 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
	Hepatocyte	Necrosis	Mild
	[Hepatocellular Adenoma TGLS = 3-4: Hepatocellular Adenoma]		
	[Necrosis TGLS = 4-2+3+4: Necrosis, Hepatocyte, Mild]		
* Lung		Inflammation	Chronic Active, Mild
* Ovary			
Note: Only one ovary available for histological examination.			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLS = 1-8: Fibrosarcoma, Subcutaneous Tissue]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 296	TRT#: 4 DOSE: 37 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 596 HISTO: 9504836
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Marked]	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Inflammation Mineralization	Chronic Active, Minimal Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 297 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 675
DOSE: 37 MG/KG **DISP:** Natural Death **HISTO:** 9504837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder * Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Heart	Atrium	Thrombosis	Minimal
* Intestine Small, Duodenum		Parasite Metazoan	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Necrosis	Mild
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Adenoma TGLS = 1-8: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-2+3+4: Hepatocellular Carcinoma, Multiple]			
* Nose		Inflammation	Suppurative, Minimal
* Ovary			
Note: Only one ovary available for histological examination.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 297	TRT#: 4 DOSE: 37 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 675 HISTO: 9504837
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 620

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* 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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Int Lg Cecum			
Note: Cecum is on slide #04.			
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-3+4+8: Hepatocellular Adenoma, Multiple]			
Lymph Node	Mediastinal	Necrosis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Necrosis	Mild
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Cyst	Minimal
	Thymocyte	Necrosis	Mild
* Urin Bladder			
Note: Urinary bladder is on slide #02.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 620

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504838

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 720

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Myelofibrosis	Minimal
* Gallbladder			
Note: Gallbladder is on slide #04.			
* Int Lg Cecum			
Note: Cecum is on slide #04.			
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
		Lymphoma Malignant	
[Hepatoblastoma TGLS = 2-3]			
[Hepatocellular Adenoma TGLS = 2-2+4+8: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 2-8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 720

DOSE: 37 MG/KG

DISP: Natural Death

HISTO: 9504839

ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 7-8: Malignant Lymphoma, Mediastinal]		
	[Lymphoma Malignant TGLS = 3-10: Malignant Lymphoma, Renal]		
	[Lymphoma Malignant TGLS = 6-9: Malignant Lymphoma, Pancreatic]		
	[Lymphoma Malignant TGLS = 4-11: Malignant Lymphoma, Lumbar]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-12: Malignant Lymphoma]		
Mesentery		Lymphoma Malignant	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Mild
* Ovary		Lymphoma Malignant	
	Note: Only one ovary available for histological examination.		
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]		
* Stomach, Forestomach		Hyperkeratosis	Mild
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Inflammation	Chronic Active, Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma; Liver Lymphoma Malignant; Lung Hepatocellular Carcinoma Liver; Lung Lymphoma Malignant; Lymph Node Lumbar Lymphoma Malignant; Lymph Node Pancreatic Lymphoma Malignant; Lymph Node Renal Lymphoma Malignant; Lymph Node Mediastinal Lymphoma Malignant; Lymph Node; Mandibular Lymphoma Malignant; Lymph Node; Mesenteric Lymphoma Malignant; Mesentery Lymphoma Malignant; Ovary Lymphoma Malignant; Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
		Myelofibrosis	Mild
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Pigmentation	Hemosiderin, Minimal
		[Hepatocellular Adenoma TGLS = 4,5-8+2+4+9: Hepatocellular Adenoma, Multiple]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Cyst	Marked
		[Cyst TGLS = 1,6-10: Cyst, Marked]	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 3-3: Malignant Lymphoma]	
* Stomach, Glandular		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:01
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 37 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504840

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Inflammation

Chronic Active, Minimal

* Urinary Bladder

Hyperplasia

Mild

* Uterus

Infiltration Cellular

Lymphocyte, Minimal

Hydrometra

Marked

[Hydrometra TGLS = 2-6: Hydrometra, Marked]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 301

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2,3-11+8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 2-2+3+11: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 4,5-2+9+10: Metastatic Hepatoclr Carcinoma, Liver]		
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Moderate]		
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 301

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504841

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 302

TRT#: 6

SEX: Female

DAY ON TEST: 633

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum * Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
		Osteosarcoma	Metastatic (Uncertain Primary Site)
	[Hepatocellular Adenoma TGLS = 2-2+3+4]		
	[Hepatocellular Carcinoma TGLS = 2-8]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Osteosarcoma	Metastatic (Uncertain Primary Site)
	[Hepatocellular Carcinoma TGLS = 1-2: Metastatic Hepatocellular Carcinoma, Liver]		
	[Osteosarcoma TGLS = 1-2: Metastatic Osteosarc, Uncertain Primary Site]		
* Nose		Inflammation	Suppurative, Minimal
* Ovary			
	Note: Only one ovary available for histologic examination.		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 302	TRT#: 6 DOSE: 75 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 633 HISTO: 9504842
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma							
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma;Liver	Osteosarcoma	Uncertain Primary Site;Lung	Hepatocellular Carcinoma	Liver;Lung	Osteosarcoma	Uncertain	
		Primary Site							

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 303

TRT#: 6

SEX: Female

DAY ON TEST: 521

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Marked
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 3,4,5-2+4+8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 2-8: Hepatocellular Carcinoma]		
	[Necrosis TGLS = 6-8: Necrosis, Hepatocyte, Marked]		
* Nose		Inflammation	Suppurative, Mild
* Ovary		Cyst	Moderate
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Moderate
	[Hydrometra TGLS = 1-6: Hydrometra, Moderate]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 303

TRT#: 6

SEX: Female

DAY ON TEST: 521

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504843

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 304

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-8: Adenoma]			
* Heart	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 4-2: Thrombosis, Atrium, Marked]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Bile Duct	Cyst	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Mild
		Pigmentation	Hemosiderin, Minimal
[Hepatocellular Adenoma TGLS = 3-2+4: Hepatocellular Adenoma]			
[Hepatocellular Carcinoma TGLS = 3-3+8: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 304

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504844

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Heart Atrium Thrombosis;Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 305

TRT#: 6

SEX: Female

DAY ON TEST: 658

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thymus
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatoblastoma TGLS = 1-4]		
	[Hepatocellular Adenoma TGLS = 1-2+3+8]		
* Lung	Bronchiole	Exudate	Organized, Moderate
		Hepatoblastoma	Metastatic (Liver)
* Nose		Inflammation	Suppurative, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Uterus		Hydrometra	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 305

TRT#: 6

SEX: Female

DAY ON TEST: 658

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504845

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 306

TRT#: 6

SEX: Female

DAY ON TEST: 659

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* 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	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Lymphoma Malignant	
Harderian Gland		Adenoma	
		Inflammation	Suppurative, Marked
	[Adenoma TGLS = 2-8: Adenoma]		
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Mild
	Hepatocyte	Necrosis	Minimal
		Pigmentation	Hemosiderin, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 5-4: Hepatocellular Adenoma]		
	[Hepatocellular Carcinoma TGLS = 5-3+9: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 306 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 659
DOSE: 75 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504846

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Schwannoma Malignant TGLS = 1-4+8]		Schwannoma Malignant	
* Nose		Inflammation	Suppurative, Minimal
* Ovary [Cyst TGLS = 3-6: Cyst, Mild]		Cyst	Mild
* Pancreas [Schwannoma Malignant TGLS = 1-8]		Lymphoma Malignant Schwannoma Malignant	Metastatic (Mesentery)
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen [Fibrosis TGLS = 4-3: Fibrosis, Marked]	Red Pulp	Fibrosis Hematopoietic Cell Proliferation	Marked Mild
* Stomach, Glandular		Ectasia	Mild
* Urinary Bladder		Lymphoma Malignant Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 307

TRT#: 6

SEX: Female

DAY ON TEST: 637

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach			

MISSING

* Brain	* Esophagus	* Heart	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Thymus
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 1-2+3+4: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
* Ovary			
Note: Only one ovary available for histological examination.			
* Stomach, Glandular		Mineralization	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 2-6: Hydrometra, Moderate]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 308

TRT#: 6

SEX: Female

DAY ON TEST: 545

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2,3-8+4+9: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 3-2+4: Hepatocellular Carcinoma]			
* Ovary			
Note: Only one ovary available for histological examination.			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 1-6: Hydrometra, Mild]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 308

TRT#: 6

SEX: Female

DAY ON TEST: 545

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504848

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 309

TRT#: 6

SEX: Female

DAY ON TEST: 690

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Moderate
	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Marked
* Clitoral GI			
Note: TGL#9-6: Enlarged clitoral glds, documented at necropsy, is subcutaneous fibrous histiocytoma histologically.			
* Kidney		Lymphoma Malignant	
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
	Hepatocyte	Necrosis	Moderate
	[Hepatocellular Adenoma TGLS = 8-8]		
	[Hepatocellular Carcinoma TGLS = 8-2]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-11: Malignant Lymphoma, Renal]		
	[Lymphoma Malignant TGLS = 3-10: Malignant Lymphoma, Hepatic]		
	[Lymphoma Malignant TGLS = 7-7+12: Malignant Lymphoma, Mediastinal]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 309

TRT#: 6

SEX: Female

DAY ON TEST: 690

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504849

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-9: Malignant Lymphoma, Lumbar]

* Lymph Node, Mandibular

Lymphoma Malignant

* Lymph Node, Mesenteric

Lymphoma Malignant

[Lymphoma Malignant TGLS = 6-4: Malignant Lymphoma]

* Ovary

Lymphoma Malignant

* Pancreas

Lymphoma Malignant

* Salivary Glands

Lymphoma Malignant

* Skin

Note: NO CORRELATING LESION TGLS = 9-6.

* Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Lymphoma Malignant

[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]

* Stomach, Glandular

Atrophy

Mild

Ectasia

Minimal

Inflammation

Chronic Active, Minimal

* Thymus

Lymphoma Malignant

* Uterus

Hydrometra

Moderate

[Hydrometra TGLS = 5-6: Hydrometra, Moderate]

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Lymphoma Malignant;Kidney Lymphoma Malignant;Liver Lymphoma Malignant;Lung Hepatocellular Carcinoma Liver;Lung
 Lymphoma Malignant;Lymph Node Renal Lymphoma Malignant;Lymph Node Lumbar Lymphoma Malignant;Lymph Node Mediastinal Lymphoma
 Malignant;Lymph Node Lymphoma Malignant;Lymph Node;Mandibular Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant;Ovary
 Lymphoma Malignant;Pancreas Lymphoma Malignant;Salivary Glands Lymphoma Malignant;Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 310

TRT#: 6

SEX: Female

DAY ON TEST: 652

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Marked
	[Thrombosis TGLS = 2-2: Thrombosis, Atrium, Marked]		
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Portal	Hypertrophy	Mild
	[Hepatocellular Adenoma TGLS = 1,3-8+2+3+4+9: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 3-9: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Marked
* Nose		Inflammation	Suppurative, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Heart Atrium Thrombosis;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 311

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Adenoma TGLS = 1-9: Hepatocellular Adenoma]			
[Hepatocellular Carcinoma TGLS = 1,2-3+9+8: Hepatocellular Carcinoma, Multiple]			
* Nose		Inflammation	Suppurative, Minimal
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Methyleugenol
 CAS Number: 93-15-2

Date Report Requested: 10/22/2014
 Time Report Requested: 00:03:02
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 312

TRT#: 6

SEX: Female

DAY ON TEST: 520

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* 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	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Oval Cell	Hepatocellular Carcinoma	
		Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
	[Hepatocellular Adenoma TGLS = 1,3,4,6-8+3+4: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 2-8: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Ovary			
	Note: Only one ovary available for histological examination.		
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
	Note: TGL#5-4-NCL: Red focus, noted at trim, not apparent histologically. Probably a congested blood vessel.		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Necrosis	Mild
* Thymus	Thymocyte	Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma; Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 312

TRT#: 6

SEX: Female

DAY ON TEST: 520

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504852

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 313

TRT#: 6

SEX: Female

DAY ON TEST: 611

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Mild
[Hepatocellular Adenoma TGLS = 1-2+3+4+8: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma]			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 314	TRT#: 6	SEX: Female	DAY ON TEST: 489
	DOSE: 75 MG/KG	DISP: Natural Death	HISTO: 9504854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Gallbladder	* Intestine Small, Duodenum	* Pituitary Gland	
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AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Spleen	* Stomach, Forestomach	* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 1-2+3+4: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma]		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 315

TRT#: 6

SEX: Female

DAY ON TEST: 582

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Mineralization	Moderate
	Atrium	Thrombosis	Moderate
* Intestine Small, Duodenum		Ulcer	Marked
* Kidney		Mineralization	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 1-8: Hepatocellular Adenoma]		
	[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma]		
* Nose		Inflammation	Suppurative, Minimal
* Ovary			
	Note: Only one ovary available for histological examination.		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-3 : Hema Cell Prolif, Red Pulp, Marked]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 315	TRT#: 6	SEX: Female	DAY ON TEST: 582
	DOSE: 75 MG/KG	DISP: Natural Death	HISTO: 9504855

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Ectasia	Mild
[Necrosis TGLS = 3-4]	Necrosis	Mild
* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Intestine Small;Duodenum Ulcer;Liver Hepatocellular Adenoma;Liver Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Moderate
	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
		Lymphoma Malignant	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Bile Duct	Cyst	Mild
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Mild
		Pigmentation	Hemosiderin, Mild
		[Hepatocellular Adenoma TGLS = 2-2+9: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 1,2-8+4: Hepatocellular Carcinoma, Multiple]	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504856

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Ectasia

Minimal

Hyperplasia

Minimal

Inflammation

Chronic Active, Minimal

* Thyroid Gland

Follicular Cel

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Minimal
		Pigmentation	Hemosiderin, Minimal
	[Hepatocellular Adenoma TGLS = 2,3-8+2+4: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 3-2+3: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Inflammation	Suppurative, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Moderate]		
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal
		Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504857

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 318

TRT#: 6

SEX: Female

DAY ON TEST: 590

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 1-2+4+8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-3: Hepatocellular Carcinoma]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Necrosis	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Thymus	Thymocyte	Necrosis	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 318

TRT#: 6

SEX: Female

DAY ON TEST: 590

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504858

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 319

TRT#: 6

SEX: Female

DAY ON TEST: 694

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* 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	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		[Hepatoblastoma TGLS = 1-2: Hepatoblastoma]	
		[Hepatocellular Adenoma TGLS = 1-3]	
		[Hepatocellular Carcinoma TGLS = 1-4+8: Hepatocellular Carcinoma, Multiple]	
* Ovary			
		Note: Only one ovary available for histological examination.	
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Necrosis	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Moderate
		Inflammation	Chronic Active, Mild
		[Hyperplasia TGLS = 2-8]	
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 319

TRT#: 6

SEX: Female

DAY ON TEST: 694

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504859

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 597

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Pigmentation	Hemosiderin, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 1-2+8]		
	[Hepatocellular Carcinoma TGLS = 1-3+4]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-8: Metastatic Hepatocellular Carcinoma, Liver]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 320	TRT#: 6	SEX: Female	DAY ON TEST: 597
	DOSE: 75 MG/KG	DISP: Natural Death	HISTO: 9504860

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
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PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma;Lung	Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 694

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Brain	* Lymph Node, Mandibular	* Pituitary Gland	* Salivary Glands
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Moderate
		Pigmentation	Hemosiderin, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2-2: Hepatocellular Adenoma]		
	[Hepatocellular Carcinoma TGLS = 2-3+4+8: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 321	TRT#: 6	SEX: Female	DAY ON TEST: 694
	DOSE: 75 MG/KG	DISP: Natural Death	HISTO: 9504861

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-9: Malignant Lymphoma, Lumbar]			
[Lymphoma Malignant TGLS = 3-8: Malignant Lymphoma, Renal]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-4: Malignant Lymphoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Lymphoma Malignant	
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]			
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal
* Thymus		Lymphoma Malignant	
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma;Lung Hepatocellular Carcinoma Liver;Lymph Node Renal Lymphoma Malignant;Lymph Node Lumbar Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 322

TRT#: 6

SEX: Female

DAY ON TEST: 717

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Kidney	* Mammary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

MISSING

Blood Vessel	* Brain	* Gallbladder	* Heart
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Thymus	* Thyroid Gland		

AUTO PRECLUDES DIAG.

* Clitoral Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal

[Hepatocellular Adenoma TGLS = 3,4,5-10+11+8]

[Hepatocellular Carcinoma TGLS = 1,2-9+2]

* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
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PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 323

TRT#: 6

SEX: Female

DAY ON TEST: 641

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hepatocellular Carcinoma	Metastatic (Liver)
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	[Hepatocellular Adenoma TGLS = 5-8: Hepatocellular Adenoma]		
	[Hepatocellular Carcinoma TGLS = 5-3+4+8: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 6-2: Metastatic Hepatocellular Carcinoma, Liver]		
Mesentery	Fat	Necrosis	Marked
	[Necrosis TGLS = 4-8: Necrosis, Fat, Marked]		
* Nose		Inflammation	Suppurative, Minimal
* Ovary		Cyst	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 323	TRT#: 6	SEX: Female	DAY ON TEST: 641
	DOSE: 75 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504863

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Minimal
* Uterus	Hydrometra	Mild

[Hydrometra TGLS = 3-6: Hydrometra, Mild]

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hemangiosarcoma	
		Hyperplasia	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Pigmentation	Hemosiderin, Minimal
			[Hepatoblastoma TGLS = 3-2]
			[Hepatocellular Adenoma TGLS = 3-2+4: Hepatocellular Adenoma, Multiple]
			[Hepatocellular Carcinoma TGLS = 2,3-8+3: Hepatocellular Carcinoma, Multiple]
* Lung		Hepatoblastoma	Metastatic (Liver)
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Cyst	Marked
			[Cyst TGLS = 1-6: Cyst, Marked]
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504865

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Ectasia

Mild

Hyperplasia

Mild

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 704

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* 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	* Stomach, Forestomach	* Thyroid Gland	* Trachea

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Lymphoma Malignant	
* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 2-2+4+3+8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 2-8: Hepatocellular Carcinoma]		
Lymph Node	Inguinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
	[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Moderate]		
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 704

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504866

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Lymphoma Malignant

* Uterus

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Lymphoma Malignant;Liver Hepatocellular Adenoma;Liver Hepatocellular Carcinoma;Liver Lymphoma Malignant;Lymph Node Inguinal
Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant;Ovary Lymphoma Malignant;Skin Subcut Tiss Lymphoma Malignant;Thymus
Lymphoma Malignant;Urinary Bladder Lymphoma Malignant;Uterus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Mild
		Pigmentation	Hemosiderin, Mild
	[Hepatocellular Adenoma TGLS = 2-2+4+8: Hepatocellular Adenoma, Multiple]		
* Ovary		Cyst	Mild
		Infiltration Cellular	Lymphocyte, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Lymphoid, Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Moderate]		
	[Hyperplasia TGLS = 1-3: Hyperplasia, Lymphoid, Lymph Follic, Moderate]		
* Stomach, Glandular		Ectasia	Minimal
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504867

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Infiltration Cellular

Lymphocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 328

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
			[Hepatocellular Adenoma TGLS = 2-4+8]
			[Hepatocellular Carcinoma TGLS = 2-2+3+4+8: Hepatocellular Carcinoma, Multiple]
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
			[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Marked]
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 328

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504868

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 329

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504869

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Ectasia
Infiltration Cellular

Mild
Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 720

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	Lymph Node
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Necrosis	Moderate
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Adenoma TGLS = 3,4-3+9+8: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 3-2+4+9: Hepatocellular Carcinoma, Multiple]			
Lymph Node			
Note: TGL#4-8: Enlarged pancreatic lymph node, documented at necropsy, is liver - hepatocellular adenoma histologically.			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Moderate]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 330	TRT#: 6	SEX: Female	DAY ON TEST: 720
	DOSE: 75 MG/KG	DISP: Natural Death	HISTO: 9504870

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Hydrometra	Mild
	Lymphoma Malignant	

[Hydrometra TGLS = 1-6: Hydrometra, Mild]

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Lymphoma Malignant; Liver Hepatocellular Adenoma; Lymph Node; Mandibular Lymphoma Malignant; Ovary Lymphoma Malignant; Salivary Glands Lymphoma Malignant; Skeletal Muscle Lymphoma Malignant; Thymus Lymphoma Malignant; Urinary Bladder Lymphoma Malignant; Uterus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 661

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* 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
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Mild
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Carcinoma TGLS = 1-2+3+4+8: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Angiectasis	Marked
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 661

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504871

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hydrometra

Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol

CAS Number: 93-15-2

Date Report Requested: 10/22/2014

Time Report Requested: 00:03:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 727

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|---------------------------|----------------------|--------------------------|
| * Adrenal Medulla | Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

AUTO PRECLUDES DIAG.

- | | | | |
|----------------------|-----------------------------|--------------------------|----------------------------|
| * Gallbladder | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Stomach, Glandular | | | |

OBSERVATIONS

- | | | | |
|---|---------------|----------------------------------|----------------------|
| * Adrenal Cortex | Subcapsular | Hematopoietic Cell Proliferation | Mild |
| * Bone Marrow | | Hyperplasia | Mild |
| * Brain | | Hyperplasia | Moderate |
| Note: Cerebellum missing. | | | |
| * Kidney | | Infiltration Cellular | Lymphocyte, Minimal |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| * Liver | Bile Duct | Cyst | Marked |
| | | Hepatoblastoma | |
| | | Hepatocellular Adenoma | Multiple |
| | | Hepatocellular Carcinoma | Multiple |
| | | Inflammation | Chronic Active, Mild |
| | Hepatocyte | Necrosis | Moderate |
| | | Pigmentation | Hemosiderin, Mild |
| [Hepatocellular Adenoma TGLS = 2-2+4+8: Hepatocellular Adenoma, Multiple] | | | |
| [Hepatocellular Carcinoma TGLS = 2-3+8: Hepatocellular Carcinoma, Multiple] | | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Skeletal Muscle | | Hemangiosarcoma | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 332	TRT#: 6 DOSE: 75 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 727 HISTO: 9504872
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ORGAN AND ACCOUNTABLE SITE STATUS

[Hemangiosarcoma TGLS = 3-9: Hemangiosarcoma]			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Moderate]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-8: Squamous Cell Papilloma]			
* Uterus		Hydrometra	Minimal

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Liver	Bile Duct	Cyst	Marked
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Necrosis	Minimal
		Pigmentation	Hemosiderin, Minimal
	[Hepatoblastoma TGLS = 1-4: Hepatoblastoma]		
	[Hepatocellular Adenoma TGLS = 1-2+3: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-2]		
* Ovary		Luteoma	
	[Luteoma TGLS = 2-6: Luteoma]		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-3: Hema Cell Prolif, Red Pulp, Moderate]		
* Stomach, Glandular		Ectasia	Minimal
		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504873

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicle

Inflammation

Chronic Active, Minimal

Cyst

Mild

Follicular Cel

Hyperplasia

Mild

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 619

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular * Thymus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Necrosis	Mild
		Pigmentation	Hemosiderin, Moderate
[Hepatocellular Adenoma TGLS = 1-4+9: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-2+3+8: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Inflammation	Suppurative, Mild
* Ovary			
Note: Only one ovary available for histological examination.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Marked]			
* Stomach, Glandular		Atrophy	Minimal
		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 619

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504874

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Necrosis

Minimal

* Uterus

Infiltration Cellular

Lymphocyte, Minimal

Polyp Stromal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 465

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Mild
	Hepatocyte	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2,4,6-8+2+8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1,3-3+4: Hepatocellular Carcinoma, Multiple]		
	[Necrosis TGLS = 5-3+4: Necrosis, Hepatocyte, Moderate]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Necrosis	Mild
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus	Thymocyte	Necrosis	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 465

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504875

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 336

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504876

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Ectasia

Mild

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 698

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Urinary Bladder	* Uterus		

MISSING

* Brain	* Clitoral Gland	* Lymph Node, Mandibular	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Thyroid Gland
* Trachea			

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Minimal
	[Hepatocellular Adenoma TGLS = 1-8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-3+8+9: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 698

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504877

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma; Liver Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 659

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Mild
		Pigmentation	Hemosiderin, Mild
		[Hepatocellular Adenoma TGLS = 2-3+4+9: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 4-8: Hepatocellular Carcinoma]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		[Hepatocellular Carcinoma TGLS = 3-2: Metastatic Hepatocellular Carcinoma, Liver]	
* Ovary			
		Note: Only one ovary available for histological examination.	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 338	TRT#: 6 DOSE: 75 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 659 HISTO: 9504878
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Uterus		Hydrometra	Mild

[Hydrometra TGLS = 1-6: Hydrometra, Mild]

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung	Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 628

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Lymph Node, Mandibular	* Salivary Glands
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AUTO PRECLUDES DIAG.

* Gallbladder	* Islets, Pancreatic	* Pancreas	* Stomach, Glandular
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INSUFFICIENT TISSUE

* Nose

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Colon		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-9: Malignant Lymphoma]			
* Kidney		Lymphoma Malignant	
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
		Lymphoma Malignant	
[Hepatoblastoma TGLS = 1-2]			
[Hepatocellular Adenoma TGLS = 1-3+4+8]			
[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 339	TRT#: 6 DOSE: 75 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 628 HISTO: 9504879
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-8: Malignant Lymphoma]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-4: Malignant Lymphoma]			
* Ovary		Cyst	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation Lymphoma Malignant	Marked
[Hematopoietic Cell Proliferation TGLS = 4-3: Hema Cell Prolif, Red Pulp, Marked]			
[Lymphoma Malignant TGLS = 4-3: Malignant Lymphoma]			
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Intestine Large;Colon Lymphoma Malignant;Liver Lymphoma Malignant;Lymph Node Mediastinal Lymphoma Malignant;Lymph Node Renal Lymphoma Malignant;Lymph Node;Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
			[Hepatocellular Adenoma TGLS = 2-2+8: Hepatocellular Adenoma, Multiple]
			[Hepatocellular Carcinoma TGLS = 2-2+3+4+8: Hepatocellular Carcinoma, Multiple]
* Ovary			Note: Only one ovary available for histological examination.
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
			[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Moderate]
* Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Mild
			[Hyperplasia TGLS = 3-9]
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504880

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hydrometra

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* 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	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
* Liver		Hepatoblastoma	
	Oval Cell	Hepatocellular Carcinoma	Multiple
		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Pigmentation	Hemosiderin, Mild
			[Hepatoblastoma TGLS = 2-3]
			[Hepatocellular Carcinoma TGLS = 2-2+4]
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Ovary			
Note: Only one ovary available for histologic examination.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Uterus		Hydrometra	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504881

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Kidney Hepatocellular Carcinoma Liver;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 484

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Gallbladder			
Note: Gallbladder on slide #04.			
* Liver		Fibrosarcoma	Metastatic (Skin)
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Pigmentation	Hemosiderin, Mild
[Fibrosarcoma TGLS = 4-3: Metastatic Fibrosarcoma, Skin]			
[Hepatocellular Adenoma TGLS = 3,5,6-8+2+3: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 2-9: Hepatocellular Carcinoma]			
Lymph Node	Mediastinal	Fibrosarcoma	Metastatic (Skin)
* Lymph Node, Mesenteric		Fibrosarcoma	Metastatic (Skin)
Note: TGL#7-9: Enlarged mesenteric lymph node, documented at necropsy, is metastatic cutaneous fibrosarcoma in mesentery histologically.			
Mesentery		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 7-9: Metastatic Fibrosarcoma, Skin]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 342	TRT#: 6	SEX: Female	DAY ON TEST: 484
	DOSE: 75 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504882

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Inflammation	Suppurative, Minimal
* Ovary			
Note: Only one ovary available for histological examination.			
* Pancreas		Fibrosarcoma	Metastatic (Skin)
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-8: Fibrosarcoma, Subcutaneous Tissue]			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibrosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Fibrosarcoma Skin;Liver Hepatocellular Adenoma;Liver Hepatocellular Carcinoma;Lymph Node Mediastinal Fibrosarcoma Skin;Mesentery
Fibrosarcoma Skin;Pancreas Fibrosarcoma Skin

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Parathyroid Gland	* Pituitary Gland	* Thymus
---------------------	-------------------	----------

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
Eye		Atrophy	Marked
	[Atrophy TGLS = 1-9: Atrophy, Marked]		
* Heart			
	Note: TGL#4-2-NCL: Nodules, documented at necropsy, not apparent histologically.		
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Hemosiderin, Marked
* Liver		Atrophy	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Lymphocyte, Mild
		Pigmentation	Hemosiderin, Mild
	[Hepatocellular Adenoma TGLS = 2-8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 2-2+3+4+8: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 343	TRT#: 6	SEX: Female	DAY ON TEST: 732
	DOSE: 75 MG/KG	DISP: Terminal Sacrifice	HISTO: 9504883

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-3: Hema Cell Prolif, Red Pulp, Marked]

* Stomach, Glandular

Atrophy

Mild

Ectasia

Mild

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 344	TRT#: 6	SEX: Female	DAY ON TEST: 371
	DOSE: 75 MG/KG	DISP: Dosing Accident	HISTO: 9504884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mesenteric	* Pancreas	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder		

OBSERVATIONS

* Lung	Mediastinum	Inflammation	Chronic Active, Moderate
* Ovary			
Note: Only one ovary available for histological examination.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Lung Mediastinum Inflammation

Animal Note: Chronic active inflammation in mediastinum surrounding the esophagus suggests a possible gavage accident as cause of death in this animal.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 345 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 732
DOSE: 75 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Hemangioma	
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 2-2+4+9: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1,2-8+10: Hepatocellular Carcinoma, Multiple]		
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Lymphoid, Mild
	[Hematopoietic Cell Proliferation TGLS = 3-3: Hema Cell Prolif, Red Pulp, Mild]		
	[Hyperplasia TGLS = 3-3: Hyperplasia, Lymphoid, Lymph Follic, Mild]		
* Stomach, Glandular		Ectasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 722

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Uterus		

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Gallbladder			
Note: TGL#4-2: Dilated gallbladder, documented at necropsy is markedly necrotic & autolytic portion of liver.			
* Kidney		Lymphoma Malignant	
		Necrosis	Moderate
* Liver		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Lymphoma Malignant	
		Necrosis	Mild
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Adenoma TGLS = 3,4-4+8+9+2: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 3-8: Hepatocellular Carcinoma]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-8: Malignant Lymphoma, Lumbar]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 722

DOSE: 75 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504886

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 7-7: Malignant Lymphoma, Mediastinal]			
[Lymphoma Malignant TGLS = 6-9: Malignant Lymphoma. Renal]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-4: Malignant Lymphoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 2-6: Cyst, Mild]			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3: Malignant Lymphoma]			
* Stomach, Glandular		Ectasia	Mild
Note: TGL#9-4-NCL: Dark foci, noted at trim, not apparent histologically.			
* Thyroid Gland		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Kidney Lymphoma Malignant; Liver Hepatocellular Adenoma; Liver Lymphoma Malignant; Liver Hepatocyte Necrosis; Lung Lymphoma Malignant; Lymph Node Renal Lymphoma Malignant; Lymph Node Lumbar Lymphoma Malignant; Lymph Node Mediastinal Lymphoma Malignant; Lymph Node; Mandibular Lymphoma Malignant; Lymph Node; Mesenteric Lymphoma Malignant; Pancreas Lymphoma Malignant; Spleen Lymphoma Malignant; Thyroid Gland Lymphoma Malignant; Urinary Bladder Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 347 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 731
DOSE: 75 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9504887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland			
Note: TGL#1-8-NCL: Enlarged Harderian gland, documented at necropsy, not found at trim.			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Adenoma TGLS = 2-9: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 2-8+9: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 3-2: Metastatic Hepatocellular Carcinoma, Liver]			
* Nose		Inflammation	Suppurative, Minimal
* Ovary			
Note: Only one ovary available for histologic examination.			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504887

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 714

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Bile Duct	Cyst	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Mild
		Pigmentation	Hemosiderin, Mild
		[Hepatocellular Adenoma TGLS = 1-4+8]	
		[Hepatocellular Carcinoma TGLS = 1-2+3+8]	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Ovary			
		Note: Only one ovary available for histological examination.	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Marked]	
* Stomach, Glandular		Necrosis	Moderate
		[Necrosis TGLS = 3-4]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 714

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504888

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Infiltration Cellular

Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Intestine Small, Jejunum		Carcinoma	
	[Carcinoma TGLS = 3-8: Carcinoma]		
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatoblastoma	
	[Hepatoblastoma TGLS = 1-8+9: Hepatoblastoma]	Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 1-3+4+8+9: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatoblastoma	Metastatic (Liver)
	[Ectasia TGLS = 2-4: Ectasia, Moderate]	Hepatocellular Carcinoma	Metastatic (Liver)
		Ectasia	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 4-3: Hema Cell Prolif, Red Pulp. Marked]		
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 75 MG/KG

DISP: Natural Death

HISTO: 9504889

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH - Intestine Small;Jejunum Carcinoma;Liver Hepatoblastoma;Lung Hepatoblastoma Liver;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* 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	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
	Hepatocyte	Necrosis	Mild
	[Hepatoblastoma TGLS = 2-9: Hepatoblastoma]		
	[Hepatocellular Adenoma TGLS = 1,2-8+3+10]		
	[Hepatocellular Carcinoma TGLS = 2-2+10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphocyte, Mild
* Skin	Subcut Tiss	Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-3: Hema Cell Prolif, Red Pulp, Moderate]		
* Stomach, Glandular		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 75 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504890

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus
* Urinary Bladder
* Uterus

Hyperplasia
Inflammation
Cyst
Infiltration Cellular
Hydrometra

Minimal
Chronic Active, Minimal
Minimal
Lymphocyte, Minimal
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 351

TRT#: 8

SEX: Female

DAY ON TEST: 596

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Stomach, Forestomach	* Thymus	* Trachea
* Uterus			

MISSING

* Brain	* Gallbladder	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Thyroid Gland	

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart	Valve	Thrombosis	Mild
* Kidney		Hydronephrosis	Marked
		Infiltration Cellular	Lymphocyte, Mild
			[Hydronephrosis TGLS = 3-3: Hydronephrosis, Marked]
* Liver		Carcinoma	Metastatic (Ureter)
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
			[Carcinoma TGLS = 1-2+3+9: Metastatic Transitional Cell Carcinoma,Ureter]
			[Hepatocellular Adenoma TGLS = 1-2+3+9: Hepatocellular Adenoma, Multiple]
			[Hepatocellular Carcinoma TGLS = 1-4+9: Hepatocellular Carcinoma, Multiple]
* Lung		Carcinoma	Metastatic (Ureter)
			[Carcinoma TGLS = 5-2: Metastatic Transitional Cell Carcinoma,Ureter]
Mesentery		Inflammation	Suppurative, Marked
* Ovary			

Note: Only one ovary available for histological examination.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 351	TRT#: 8	SEX: Female	DAY ON TEST: 596
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 9504891

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLS = 2-3]		
* Stomach, Glandular		Ectasia	Minimal
		Mineralization	Mild
Ureter	Transit Epithe	Carcinoma	
	[Carcinoma TGLS = 4-8: Transitional Cell Carcinoma]		
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH	- Ureter Transit Epithe Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Hydronephrosis;Liver Carcinoma Ureter;Liver Hepatocellular Adenoma;Liver Hepatocellular Carcinoma;Lung Carcinoma Ureter

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 352

TRT#: 8

SEX: Female

DAY ON TEST: 518

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel			
Note: Aorta with heart on slide #02.			
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatocellular Adenoma TGLS = 3-3+9: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 2-8: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 1-2: Metastatic Hepatocellular Carcinoma, Liver]		
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 352	TRT#: 8	SEX: Female	DAY ON TEST: 518
	DOSE: 150 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504892

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Squamous, Minimal
* Stomach, Glandular		Ectasia	Mild

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma;Lung	Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 353

TRT#: 8

SEX: Female

DAY ON TEST: 624

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Skin	* Stomach, Forestomach
* Urinary Bladder	* Uterus		

MISSING

* Heart	* Lymph Node, Mandibular	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Thymus	* Thyroid Gland
* Trachea			

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Necrosis	Moderate
		Pigmentation	Hemosiderin, Minimal
[Hepatocellular Carcinoma TGLS = 1-2+3+8+9: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354

TRT#: 8

SEX: Female

DAY ON TEST: 505

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral GI			
Note: Clitoral glands on slide #10.			
* Intestine Large, Rectum		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 2-9: Leiomyosarcoma]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Mild
		Pigmentation	Hemosiderin, Minimal
[Hepatoblastoma TGLS = 5-8: Hepatoblastoma]			
[Hepatocellular Adenoma TGLS = 3,4,6,7-2+4+3+9+8: Hepatoclr Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 6-9]			
* Pancreas		Infiltration Cellular	Lymphocyte, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354

TRT#: 8

SEX: Female

DAY ON TEST: 505

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504894

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Ectasia	Minimal
* Uterus	Infiltration Cellular	Lymphocyte, Minimal
Vagina	Hydrometra	Mild
[Leiomyosarcoma TGLS = 1-9+10: Metastatic Leiomyosarcoma, Rectum]	Leiomyosarcoma	Metastatic (Intestine Large, Rectum)

PRIMARY CAUSE OF DEATH - Intestine Large, Rectum Leiomyosarcoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatoblastoma;Liver Hepatocellular Adenoma;Liver Hepatocellular Carcinoma;Vagina Leiomyosarcoma Intestine Large;Rectum

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 355

TRT#: 8

SEX: Female

DAY ON TEST: 686

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 3-2: Thrombosis, Atrium, Marked]			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Infiltration Cellular	Lymphocyte, Mild
		Pigmentation	Hemosiderin, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-3+4+8: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-2+8: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Marked]			
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 355

TRT#: 8

SEX: Female

DAY ON TEST: 686

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504895

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Heart Atrium Thrombosis;Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 356

TRT#: 8

SEX: Female

DAY ON TEST: 537

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Stomach, Forestomach

MISSING

Blood Vessel	* Brain	* Esophagus	* Heart
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Thymus	* Thyroid Gland
* Trachea			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Stomach, Glandular			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-2+8: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 2-3+4: Hepatocellular Carcinoma, Multiple]			
* Skin	Subcut Tiss	Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 356

TRT#: 8

SEX: Female

DAY ON TEST: 537

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504896

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Hydrometra

Mild

[Hydrometra TGLS = 1-6: Hydrometra, Mild]

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 357

TRT#: 8

SEX: Female

DAY ON TEST: 662

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Skin	* Stomach, Forestomach	* Urinary Bladder	* Uterus

MISSING

* Brain	* Esophagus	* Heart	* Lung
* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Thymus	* Thyroid Gland	* Trachea	

AUTO PRECLUDES DIAG.

* Gallbladder

INSUFFICIENT TISSUE

* Nose

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
	[Hepatoblastoma TGLS = 1-4: Hepatoblastoma]		
	[Hepatocellular Adenoma TGLS = 1-2+3: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-4+8: Hepatocellular Carcinoma, Multiple]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatoblastoma; Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Methyleugenol
 CAS Number: 93-15-2

Date Report Requested: 10/22/2014
 Time Report Requested: 00:03:02
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 358 TRT#: 8 SEX: Female DAY ON TEST: 680
 DOSE: 150 MG/KG DISP: Natural Death HISTO: 9504898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Skin
* Urinary Bladder	* Uterus		

MISSING

* Brain	* Esophagus	* Heart	* Intestine Small, Duodenum
* Lung	* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

INSUFFICIENT TISSUE

* Nose

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	Moderate
		Hematopoietic Cell Proliferation	Mild
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		Hepatocholangiocarcinoma	
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatoblastoma TGLS = 1-2+4+8: Hepatoblastoma, Multiple]		
	[Hepatocellular Adenoma TGLS = 1-3+4+8: Hepatocellular Adenoma, Multiple]		
	[Hepatocholangiocarcinoma TGLS = 1-2+8]		
* Spleen	Lymph Follic	Depletion Cellular	Moderate
	Red Pulp	Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 358

TRT#: 8

SEX: Female

DAY ON TEST: 680

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504898

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocholangiocarcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatoblastoma; Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 359

TRT#: 8

SEX: Female

DAY ON TEST: 723

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Bile Duct	Cyst	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Pigmentation	Hemosiderin, Minimal
		[Hepatocellular Adenoma TGLS = 1-2+9: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 1-3+4+8: Hepatocellular Carcinoma, Multiple]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		[Hepatocellular Carcinoma TGLS = 2-2: Metastatic Hepatocellular Carcinoma, Liver]	
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 359

TRT#: 8

SEX: Female

DAY ON TEST: 723

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504899

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360

TRT#: 8

SEX: Female

DAY ON TEST: 717

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Trachea	* Uterus		

MISSING

* Ovary

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatoblastoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatoblastoma TGLS = 1-3+8: Hepatoblastoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-4]		
* Lung		Hepatoblastoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatoblastoma TGLS = 2-2: Metastatic Hepatoblastoma]		
	[Hepatocellular Carcinoma TGLS = 2-2: Metastatic Hepatocellular Carcinoma, Liver]		
* Ovary			
	Note: Only one ovary available for histologic examination.		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
	[Ectasia TGLS = 3-4: Ectasia, Glands, Mild]		
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360	TRT#: 8	SEX: Female	DAY ON TEST: 717
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 9504900

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatoblastoma;Lung Hepatoblastoma Liver;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 361 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 588
DOSE: 150 MG/KG **DISP:** Natural Death **HISTO:** 9504901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Heart	* Kidney
* Nose	* Trachea		

MISSING

* Brain	* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Thyroid Gland	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Uterus		

OBSERVATIONS

* Adren Cortex			
Note: Only one adrenal gland available for histological examination.			
* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 2-8+9: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 2-3+8+9: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Metaplasia	Osseous, Minimal
Mesentery	Fat	Necrosis	Marked
* Spleen			
Note: TGL#1-3-NCL: Autolysis prevents histologic interpretation.			
* Trachea			
Note: Trachea on slide #07.			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 362

TRT#: 8

SEX: Female

DAY ON TEST: 652

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Note: Only one adrenal gland available for histologic examination.			
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Pigmentation	Hemosiderin, Marked
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
		[Hepatocellular Adenoma TGLS = 1-2+4: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma, Multiple]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Inflammation	Chronic Active, Mild
Lymph Node	Inguinal	Infiltration Cellular	Mast Cell, Moderate
Note: Inguinal L N contains an influx of mast cells plus an associated aggregate of dark pigment laden macrophages (melanophages/macrophages containing tattoo ink)?			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 362	TRT#: 8	SEX: Female	DAY ON TEST: 652
	DOSE: 150 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504902

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 363

TRT#: 8

SEX: Female

DAY ON TEST: 626

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Necrosis	Mild
		Pigmentation	Hemosiderin, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Carcinoma TGLS = 1-2+3+4+8: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Inflammation	Suppurative, Moderate
* Ovary			
	Note: Only one ovary available for histologic examination.		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Ectasia	Mild
* Uterus			
	Note: Only one uterine horn available for histologic examination.		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 363

TRT#: 8

SEX: Female

DAY ON TEST: 626

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504903

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 364

TRT#: 8

SEX: Female

DAY ON TEST: 659

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Minimal
		Pigmentation	Hemosiderin, Minimal
		[Hepatocellular Adenoma TGLS = 1-3+8: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 1-4: Hepatocellular Carcinoma]	
* Nose	Nasolacrimal Duct	Inflammation	Suppurative, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365

TRT#: 8

SEX: Female

DAY ON TEST: 654

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	[Hepatocellular Adenoma TGLS = 2-3: Hepatocellular Adenoma]		
	[Hepatocellular Carcinoma TGLS = 2-2+4: Hepatocellular Carcinoma]		
* Ovary		Cyst	Mild
	[Cyst TGLS = 3-6: Cyst, Mild]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 366

TRT#: 8

SEX: Female

DAY ON TEST: 634

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Mineralization	Moderate
		Nephropathy	Moderate
	[Nephropathy TGLS = 3-3: Nephropathy, Moderate]		
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Mild
		Pigmentation	Hemosiderin, Mild
	[Hepatocellular Adenoma TGLS = 2-3+8+9: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 2-4+8: Hepatocellular Carcinoma, Multiple]		
* Mammary GI			
	Note: Mammary gland on slide #07.		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 366

TRT#: 8

SEX: Female

DAY ON TEST: 634

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504906

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas
Note: TGL#4-8-NCL: Pancreatic Mass, Documented At Necropsy, Is Necrotic Hepatocellular Adenoma Histologically.

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Moderate]			
* Stomach, Glandular		Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 615

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral GI			
Note: Only one clitoral gland available for histologic examination.			
* Heart	Valve	Inflammation	Suppurative, Mild
Note: Large colony of bacteria on aortic valve associated with suppurative inflammation. Vegetative valvular endocarditis, marked.			
* Int Sm Jejunum			
Note: TGL#3-8: Intussusception, documented at necropsy, displayed histologically. Unable to code in current TDMS system. It's probably a post mortem event.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Inflammation	Chronic Active, Marked
	Hepatocyte	Necrosis	Mild
[Hepatocellular Adenoma TGLS = 2-2+10: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 2-3+9+10: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Nasolacrimal Duct	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 367	TRT#: 8	SEX: Female	DAY ON TEST: 615
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 9504907

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-3: Hema Cell Prolif, Red Pulp, Moderate]			
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Heart Valve Inflammation;Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 368 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 717
DOSE: 150 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Metaplasia	Osseous, Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLS = 1-8: Hepatoblastoma]		
	[Hepatocellular Carcinoma TGLS = 2,3,4,5,6-9+10+11+12+13]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Lymphocyte, Moderate
* Ovary			
Note: Only one ovary available for histologic examination.			
* Pancreas		Infiltration Cellular	Lymphocyte, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 368	TRT#: 8	SEX: Female	DAY ON TEST: 717
	DOSE: 150 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504908

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma	
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatoblastoma;Lung Hepatocellular Carcinoma Liver	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 369

TRT#: 8

SEX: Female

DAY ON TEST: 577

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Clitoral Gland

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatocellular Adenoma TGLS = 1-8: Hepatocellular Adenoma]		
	[Hepatocellular Carcinoma TGLS = 1-2+3+4+8: Hepatocellular Carcinoma, Multiple]		
* Nose		Inflammation	Suppurative, Mild
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-3: Hema Cell Prolif, Red Pulp, Moderate]		
* Stomach, Glandular		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 369

TRT#: 8

SEX: Female

DAY ON TEST: 577

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504909

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Ectasia
Inflammation
Infiltration Cellular

Mild
Chronic Active, Minimal
Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Heart Atrium Thrombosis; Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 370

TRT#: 8

SEX: Female

DAY ON TEST: 626

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral GI			
Note: Only one clitoral gland available for histologic examination.			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Pigmentation	Hemosiderin, Mild
[Hepatocellular Adenoma TGLS = 1-2+3+4: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-2+8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Mild
		Hyperplasia	Atypical, Minimal
		Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 370

TRT#: 8

SEX: Female

DAY ON TEST: 626

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504910

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma; Liver Hepatocellular Carcinoma; Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 371

TRT#: 8

SEX: Female

DAY ON TEST: 679

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mesenteric	* Ovary
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart	Atrium	Thrombosis	Marked
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
[Hepatocellular Adenoma TGLS = 1-8: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-3+4+8: Hepatocellular Carcinoma, Multiple]			
* Nose		Inflammation	Suppurative, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperkeratosis	Mild
* Stomach, Glandular		Ectasia	Minimal

Note: TGL#2-4-NCL: Dark focus, noted at trim, not apparent histologically.

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 371

TRT#: 8

SEX: Female

DAY ON TEST: 679

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504911

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Gallbladder	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Marked
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		Pigmentation	Hemosiderin, Mild
	[Hepatoblastoma TGLS = 2-3: Hepatoblastoma]		
	[Hepatocellular Adenoma TGLS = 2-2+8+9]		
	[Hepatocellular Carcinoma TGLS = 2-8]		
* Nose		Inflammation	Suppurative, Minimal
* Ovary		Thrombosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504912

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Only one ovary available for histological examination.

[Thrombosis TGLS = 1-6: Thrombosis, Marked]

* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Ectasia	Mild
		Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 687

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart	Atrium	Thrombosis	Marked
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Moderate
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
		Pigmentation	Hemosiderin, Mild
		[Hepatocellular Adenoma TGLS = 1-3+8+9+10: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 1-9+10: Hepatocellular Carcinoma, Multipla]	
* Nose		Inflammation	Suppurative, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperkeratosis	Mild
* Stomach, Glandular		Ectasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Heart Atrium Thrombosis; Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 686

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Brain	* Lymph Node, Mandibular	* Ovary	* Pituitary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Mild
	Hepatocyte	Necrosis	Mild
		Pigmentation	Hemosiderin, Mild
		[Hepatocellular Adenoma TGLS = 1-3+8: Hepatocellular Adenoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 1-4+8: Hepatocellular Carcinoma, Multiple]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 686

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504914

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Gallbladder	* Lymph Node, Mesenteric	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Basophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Hepatoblastoma TGLS = 1-3: Hepatoblastoma]		
	[Hepatocellular Adenoma TGLS = 1-4+8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-2+3+8: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatoblastoma	Metastatic (Liver)
	[Hepatoblastoma TGLS = 2-2: Metastatic Hepatoblastoma, Liver]		
Lymph Node	Mediastinal	Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Inflammation	Suppurative, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504915

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatoblastoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma;Lung Hepatoblastoma Liver;Lymph Node Mediastinal Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 607

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Pancreas
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Brain	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland		

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Necrosis	Mild
[Hepatoblastoma TGLS = 1-3: Hepatoblastoma]			
[Hepatocellular Adenoma TGLS = 1-2+3+8+9: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-2+8+9: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatoblastoma	Metastatic (Liver)
* Ovary			
Note: Only one ovary available for histological examination.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 376	TRT#: 8	SEX: Female	DAY ON TEST: 607
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 9504916

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
Skeletal Muscle		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Necrosis	Mild
* Stomach, Glandular		Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma;Lung Hepatoblastoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 603

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Hyperplasia	Adenomatous, Marked
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

Note: TGL#2-8: Mesenteric fat mass, documented at necropsy, is liver lobe histologically.

[Hepatoblastoma TGLS = 3-10]

[Hepatocellular Adenoma TGLS = 2,3-3+8+9]

[Hepatocellular Carcinoma TGLS = 3-9+10: Hepatocellular Carcinoma, Multiple]

* Ovary

Note: TGL#1-6: Ovarian mass, documented at necropsy, is thrombosis histologically.

Note: Only one ovary available for histological examination.

Thrombosis

Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 603

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504917

ORGAN AND ACCOUNTABLE SITE STATUS

[Thrombosis TGLS = 1-6: Thrombosis, Marked]

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 379	TRT#: 8	SEX: Female	DAY ON TEST: 686
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 9504919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Clitoral Gland	* Intestine Large, Colon	* Intestine Large, Rectum
* Nose	* Skin		

MISSING

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Esophagus	* Heart	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Mammary Gland	* Ovary	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Uterus		

OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Liver	Hepatoblastoma	Multiple
	Hepatocellular Adenoma	Multiple

[Hepatoblastoma TGLS = 1-3+8: Hepatoblastoma, Multiple]

[Hepatocellular Adenoma TGLS = 1-2+4+8: Hepatocellular Adenoma, Multiple]

* Mammary GI

Note: Mammary gland on slide #06.

PRIMARY CAUSE OF DEATH	- Liver	Hepatoblastoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 380	TRT#: 8	SEX: Female	DAY ON TEST: 692
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 9504920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Hepatocyte	Necrosis	Moderate
	[Hepatocellular Adenoma TGLS = 1-2+3: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-4+8: Hepatocellular Carcinoma, Multiple]		
* Nose		Inflammation	Suppurative, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Ectopic Parathyroid Gland	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 381

TRT#: 8

SEX: Female

DAY ON TEST: 592

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Kidney		Hydronephrosis	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Mineralization	Mild
		Nephropathy	Mild
[Hydronephrosis TGLS = 2-3: Hydronephrosis, Mild]			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
		Pigmentation	Hemosiderin, Minimal
[Hepatocellular Adenoma TGLS = 1-3+4: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 381	TRT#: 8	SEX: Female	DAY ON TEST: 592
	DOSE: 150 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504921

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma;Lung	Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 676

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Adenoma	
	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
	Hepatocyte	Necrosis	Minimal
		Pigmentation	Hemosiderin, Mild
[Hepatoblastoma TGLS = 1-9: Hepatoblastoma]			
[Hepatocellular Adenoma TGLS = 1-8+9: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-3+4+9: Hepatocellular Carcinoma, Multiple]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 382	TRT#: 8	SEX: Female	DAY ON TEST: 676
	DOSE: 150 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504922

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-9: Inflammation, Chronic Active, Mild]

* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
* Spleen	Lymph Follic	Depletion Cellular	Marked
	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatoblastoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 652

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* 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	Mesentery	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Mild
	Hepatocyte	Necrosis	Mild
	[Hepatocellular Adenoma TGLS = 1-2+3+4: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1,4-8: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Inflammation	Suppurative, Marked
	[Hepatocellular Carcinoma TGLS = 2-2: Metastatic Hepatocellular Carcinoma]		
Mesentery			
	Note: TGL#4-8: Mesenteric fat nodule, documented at necropsy, is necrotic hepatocellular carcinoma histologically.		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 652

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504923

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Ectasia

Mild

* Uterus

Infiltration Cellular

Lymphocyte, Minimal

Hemorrhage

Moderate

[Hemorrhage TGLS = 3-6: Hemorrhage, Moderate]

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 548

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Mild
	Hepatocyte	Necrosis	Mild
	[Hepatocellular Adenoma TGLS = 1-3: Hepatocellular Adenoma]		
	[Hepatocellular Carcinoma TGLS = 1-2+4: Hepatocellular Carcinoma, Multiple]		
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 385 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 505
DOSE: 150 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
	[Hepatoblastoma TGLS = 1-3: Hepatoblastoma]		
	[Hepatocellular Adenoma TGLS = 1-4: Hepatocellular Adenoma]		
	[Hepatocellular Carcinoma TGLS = 1-3: Hepatocellular Carcinoma]		
* Ovary	Note: Only one ovary available for histological examination.		
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 505

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504925

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation
Infiltration Cellular

Chronic Active, Minimal
Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatoblastoma; Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 477

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Islets, Pancreatic	* Kidney	* Nose	* Pituitary Gland
* Salivary Glands	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Pancreas	* Stomach, Forestomach	* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Moderate
	Subcapsular	Histiocytic Sarcoma	
* Bone Marrow		Hyperplasia	Mild
* Heart		Hyperplasia	Moderate
* Liver		Histiocytic Sarcoma	
		Hepatocellular Carcinoma	Multiple
		Histiocytic Sarcoma	
		[Hepatocellular Carcinoma TGLS = 1,3-9: Hepatocellular Carcinoma, Multiple]	
		[Histiocytic Sarcoma TGLS = 2,4-2+3+4+9: Histiocytic Sarcoma]	
* Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Uterus		Histiocytic Sarcoma	
		Hyperplasia	Cystic, Moderate
		[Histiocytic Sarcoma TGLS = 5-8: Histiocytic Sarcoma]	

PRIMARY CAUSE OF DEATH

- Uterus Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 477

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504926

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma; Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 387

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* 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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Trachea	* Uterus

MISSING

* Clitoral Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Note: Only one adrenal gland available for histological examination.			
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatoblastoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
		Pigmentation	Hemosiderin, Minimal
		[Hepatoblastoma TGLS = 1-2+4: Hepatoblastoma, Multiple]	
		[Hepatocellular Carcinoma TGLS = 1,2-2+3+4+8: Hepatocellular Carcinoma, Multiple]	
* Lung		Hepatoblastoma	Metastatic (Liver)
		Hepatocellular Carcinoma	Metastatic (Liver)
		[Hepatoblastoma TGLS = 3-2: Metastatic Hepatoblastoma, Liver]	
		[Hepatocellular Carcinoma TGLS = 3-2: Metastatic Hepatocellular Carcinoma, Liver]	
* Ovary			
Note: One ovary on slide #07.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 387

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 150 MG/KG

DISP: Terminal Sacrifice

HISTO: 9504927

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Methyleugenol
 CAS Number: 93-15-2

Date Report Requested: 10/22/2014
 Time Report Requested: 00:03:02
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 676

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Mild
	[Thrombosis TGLS = 2-2: Thrombosis, Atrium, Mild]		
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
	[Hepatocellular Carcinoma TGLS = 1-4+8: Hepatocellular Carcinoma, Multiple]	Pigmentation	Hemosiderin, Mild
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Ovary		Cyst	Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Inflammation	Chronic Active, Minimal
		Necrosis	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 676

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504928

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 676

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Gallbladder	* Lymph Node, Mandibular
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
	[Hepatocellular Adenoma TGLS = 1-3+4+10: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-8+9+10: Hepatocellular Carcinoma, Multiple]		
* Lung		Alveolar/Bronchiolar Carcinoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]		
	[Hepatocellular Carcinoma TGLS = 2-2: Metastatic Hepatocellular Carcinoma, Liver]		
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Mild
		Inflammation	Chronic Active, Mild
		Necrosis	Minimal
* Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 389	TRT#: 8	SEX: Female	DAY ON TEST: 676
	DOSE: 150 MG/KG	DISP: Moribund Sacrifice	HISTO: 9504929

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	
CONTRIBUTORY CAUSE OF DEATH	- Lung	Hepatocellular Carcinoma Liver	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 390 TRT#: 8 SEX: Female DAY ON TEST: 601
DOSE: 150 MG/KG DISP: Natural Death HISTO: 9504930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Kidney	* Mammary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular			

MISSING

Blood Vessel	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Pancreas	* Spleen	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Mild

[Hepatoblastoma TGLS = 2-8: Hepatoblastoma]
[Hepatocellular Adenoma TGLS = 2-3+8: Hepatocellular Adenoma, Multiple]
[Hepatocellular Carcinoma TGLS = 1-4: Hepatocellular Carcinoma]

* Nose

Note: Most of nasal tissue were cannibalized.

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatoblastoma;Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 705

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Gallbladder	* Spleen
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Moderate
* Brain		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Hepatocyte	Lymphoma Malignant	
		Necrosis	Moderate
	[Hepatocellular Adenoma TGLS = 2-9]		
	[Hepatocellular Carcinoma TGLS = 2-2+3+4+8]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-8: Malignant Lymphoma, Inguinal]		
	[Lymphoma Malignant TGLS = 4-8: Malignant Lymphoma, Lumbar]		
	[Lymphoma Malignant TGLS = 3-9: Malignant Lymphoma, Renal]		
	[Lymphoma Malignant TGLS = 5-7: Malignant Lymphoma, Mediastinal]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 391	TRT#: 8	SEX: Female	DAY ON TEST: 705
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 9504931

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [Lymphoma Malignant TGLS = 1-1: Malignant Lymphoma]		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary Note: Only one ovary available for histological examination.		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 666

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Hemosiderin, Moderate
Note: Only one adrenal gland available for histological examination.			
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Moderate
[Thrombosis TGLS = 2-2: Thrombosis, Atrium, Moderate]			
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver	Centrilobular, Hepatocyte	Atrophy Hematopoietic Cell Proliferation Hepatocellular Carcinoma Hepatocholangiocarcinoma	Moderate Mild Multiple
	Bile Duct	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
	Hepatocyte	Infiltration Cellular Vacuolization Cytoplasmic	Lymphocyte, Minimal Minimal

Note: TGL#1-4: No mass observed histologically on slide #04.

[Hepatocellular Carcinoma TGLS = 1-3+8: Hepatocellular Carcinoma, Multiple]

[Hepatocholangiocarcinoma TGLS = 1-8: Hepatocholangiocarcinoma]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 392	TRT#: 8	SEX: Female	DAY ON TEST: 666
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 9504932

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary			
Note: Only one ovary available for histological examination.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Atrophy	Mild
		Ectasia	Mild
		Inflammation	Chronic Active, Minimal
		Mineralization	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH	- Liver Hepatocholangiocarcinoma
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 678

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Lymph Node, Mesenteric	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart	Atrium	Thrombosis	Marked
	[Thrombosis TGLS = 3-2: Thrombosis, Atrium, Marked]		
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Chronic Active, Minimal
		Pigmentation	Hemosiderin, Mild
	[Hepatocellular Adenoma TGLS = 1-4+8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-8: Hepatocellular Carcinoma]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[Hepatocellular Carcinoma TGLS = 4-8: Metastatic Hepatocellular Carcinoma, Liver]		
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 393	TRT#: 8	SEX: Female	DAY ON TEST: 678
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 9504933

ORGAN AND ACCOUNTABLE SITE STATUS

* Ovary

Note: Only one ovary available for histological examination.

* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma;Lung	Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 627

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
		Myelofibrosis	Minimal
* Clitoral Gl			
Note: Only one clitoral gland available for histological examination.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
	[Hepatocellular Adenoma TGLS = 1-3+4+8: Hepatocellular Adenoma, Multiple]		
	[Hepatocellular Carcinoma TGLS = 1-4+8: Hepatocellular Carcinoma, Multiple]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 3-2: Metastatic Hepatocellular Carcinoma]		
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Salivary Glands		Infiltration Cellular	Lymphocyte, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Mild
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 627

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504934

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 395 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 711
DOSE: 150 MG/KG **DISP:** Natural Death **HISTO:** 9504935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Islets, Pancreatic		Adenoma	
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1-2+3+8+9: Hepatocellular Carcinoma, Multiple]			
* Lung	Alveolus	Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Mild
[Hepatocellular Carcinoma TGLS = 2-2: Metastatic Hepatocellular Carcinoma, Liver]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Minimal
Note: TGL#3-4-NCL: White nodule, noted at trim, not apparent histologically.			
* Uterus		Hydrometra	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 711

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504935

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 379

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Lymph Node, Mesenteric	* Thymus
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Glomerulus	Amyloid Deposition	Marked
* Liver	Bile Duct	Cyst	Mild
		Eosinophilic Focus	
	Oval Cell	Hyperplasia	Moderate
	Portal	Hypertrophy	Moderate
	[Eosinophilic Focus TGLS = 2-8]		
* Spleen		Atrophy	Marked
* Thyroid Gl			

Note: Thyroid glands and parathyroid glands in block #01.

PRIMARY CAUSE OF DEATH

- Kidney Glomerulus Amyloid Deposition

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 681

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Uterus

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Mild
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Mild
[Hepatocellular Adenoma TGLS = 1-2+3: Hepatocellular Adenoma, Multiple]			
[Hepatocellular Carcinoma TGLS = 1-2+4: Hepatocellular Carcinoma, Multiple]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Ectasia	Minimal
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 398	TRT#: 8	SEX: Female	DAY ON TEST: 681
	DOSE: 150 MG/KG	DISP: Natural Death	HISTO: 9504938

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma	
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma;Lung	Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 689

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric
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AUTO PRECLUDES DIAG.

* Gallbladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Mild
	[Hepatocellular Adenoma TGLS = 1-2]		
	[Hepatocellular Carcinoma TGLS = 1-2+3+4]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 2-2: Metastatic Hepatocellular Carcinoma]		
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Ovary			
Note: Only one ovary available for histological examination.			
* Salivary Glands		Infiltration Cellular	Lymphocyte, Minimal
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 399

TRT#: 8

SEX: Female

DAY ON TEST: 689

DOSE: 150 MG/KG

DISP: Natural Death

HISTO: 9504939

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocellular Adenoma;Lung Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 400 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 718
DOSE: 150 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9504940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral GI			
Note: Only one clitoral gland available for histological examination.			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Oval Cell	Hyperplasia	Minimal
	Portal	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
	Hepatocyte	Necrosis	Mild
		Pigmentation	Hemosiderin, Mild
	[Hepatocellular Adenoma TGLS = 1-2+3]		
	[Hepatocellular Carcinoma TGLS = 1,3-4+8+9]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	[Hepatocellular Carcinoma TGLS = 2-2: Metastatic Hepatocellular Carcinoma, Liver]		
Mesentery			
Note: TGL#3-9: Mesenteric mass, documented at necropsy, is necrotic hepatocellular carcinoma histologically.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05187-06
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Methyleugenol
CAS Number: 93-15-2

Date Report Requested: 10/22/2014
Time Report Requested: 00:03:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 718

DOSE: 150 MG/KG

DISP: Moribund Sacrifice

HISTO: 9504940

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Mesenteric mass, documented at necropsy, is necrotic hepatocellular carcinoma histologically.

* Nose		Inflammation	Suppurative, Minimal
* Ovary		Cyst	Minimal
Note: Only one ovary available for histological examination.			
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ectasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lung Hepatocellular Carcinoma Liver

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE