

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

C Number:	C99023
Lock Date:	10/17/2001
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 101

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart	Inflammation	Chronic Active, Minimal
* Kidney	Nephropathy	Minimal
* Lung	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 102

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------|---------------|--------------|--------------------|
| * Kidney | | Nephropathy | Minimal |
| * Lung | | Inflammation | Chronic, Minimal |
| Lymph Node | Deep Cervical | Ectasia | Mild |
| | Deep Cervical | Hyperplasia | Lymphoid, Moderate |

[Hyperplasia TGLS = 1-14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 103

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* 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

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Lung		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 104

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart	Inflammation	Chronic Active, Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 105

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Focal, Minimal
* Liver	Hepatodiaphragmatic Nodule	

[Hepatodiaphragmatic Nodule TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 106

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Lung	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 107

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Medulla
- * Brain
- * Harderian Gland
- * Intestine Small, Duodenum
- * Liver
- * Nose
- * Preputial Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Blood Vessel
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Pancreas
- * Prostate
- * Spleen
- * Thymus

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Bone Marrow
- * Eye
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Pituitary Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- * Adrenal Cortex
- * Heart
- * Kidney

Hyperplasia
 Inflammation
 Nephropathy

Focal, Minimal
 Chronic Active, Minimal
 Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 108

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart	Inflammation	Chronic Active, Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 109

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lung	Inflammation	Chronic, Minimal
	Metaplasia	Osseous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 110

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland	Pigmentation	Porphyrin, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201	TRT#: 2	SEX: Male	DAY ON TEST: 93
	DOSE: 0.25 G/KG	DISP: Terminal Sacrifice	HISTO: 0104491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Spleen
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202	TRT#: 2	SEX: Male	DAY ON TEST: 93
	DOSE: 0.25 G/KG	DISP: Terminal Sacrifice	HISTO: 0104492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Nose

Spleen

OBSERVATIONS

Kidney

Renal Tubule

Accumulation, Hyaline Droplet

Mild

Renal Tubule

Degeneration

Minimal

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 203	TRT#: 2	SEX: Male	DAY ON TEST: 93
	DOSE: 0.25 G/KG	DISP: Terminal Sacrifice	HISTO: 0104493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland	Nose	Spleen
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OBSERVATIONS

Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204	TRT#: 2	SEX: Male	DAY ON TEST: 93
	DOSE: 0.25 G/KG	DISP: Terminal Sacrifice	HISTO: 0104494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Nose

Spleen

OBSERVATIONS

Kidney

Renal Tubule

Accumulation, Hyaline Droplet

Mild

Renal Tubule

Degeneration

Minimal

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 205	TRT#: 2	SEX: Male	DAY ON TEST: 93
	DOSE: 0.25 G/KG	DISP: Terminal Sacrifice	HISTO: 0104495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland	Nose	Spleen	
OBSERVATIONS			
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206	TRT#: 2	SEX: Male	DAY ON TEST: 93
	DOSE: 0.25 G/KG	DISP: Terminal Sacrifice	HISTO: 0104496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland	Nose	Spleen	
OBSERVATIONS			
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207	TRT#: 2	SEX: Male	DAY ON TEST: 93
	DOSE: 0.25 G/KG	DISP: Terminal Sacrifice	HISTO: 0104497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Spleen
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal
Lymph Node	Deep Cervical	Ectasia	Moderate
	Deep Cervical	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208	TRT#: 2	SEX: Male	DAY ON TEST: 93
	DOSE: 0.25 G/KG	DISP: Terminal Sacrifice	HISTO: 0104498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Harderian Gland	Nose	Spleen	
OBSERVATIONS			
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 209	TRT#: 2	SEX: Male	DAY ON TEST: 93
	DOSE: 0.25 G/KG	DISP: Terminal Sacrifice	HISTO: 0104499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Nose

Spleen

OBSERVATIONS

Kidney

Renal Tubule

Accumulation, Hyaline Droplet

Mild

Renal Tubule

Degeneration

Minimal

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210	TRT#: 2	SEX: Male	DAY ON TEST: 93
	DOSE: 0.25 G/KG	DISP: Terminal Sacrifice	HISTO: 0104500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Spleen
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal
Lymph Node	Deep Cervical	Ectasia	Moderate
	Deep Cervical	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 301	TRT#: 3	SEX: Male	DAY ON TEST: 93
	DOSE: 0.5 G/KG	DISP: Terminal Sacrifice	HISTO: 0104501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland	Nose	Spleen
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OBSERVATIONS

Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal

Note: There is a focus of adipose tissue in the renal cortex; interpreted as a developmental anomaly.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 302	TRT#: 3	SEX: Male	DAY ON TEST: 93
	DOSE: 0.5 G/KG	DISP: Terminal Sacrifice	HISTO: 0104502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland	Spleen
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OBSERVATIONS

Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal
Lymph Node	Deep Cervical	Ectasia	Mild
	Deep Cervical	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-14]			
Nose		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 303

TRT#: 3

SEX: Male

DAY ON TEST: 32

DOSE: 0.5 G/KG

DISP: Dosing Accident

HISTO: 0104503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Eye
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, Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach, Forestomach	Stomach, Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

Kidney

OBSERVATIONS

Esophagus	Perforation	Marked
[Perforation TGLS = 2-14]		
Harderian Gland	Pigmentation	Porphyrin, Minimal
Spleen	Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Esophagus Perforation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 304	TRT#: 3 DOSE: 0.5 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0104504
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Nose

Spleen

OBSERVATIONS

Kidney

Renal Tubule

Accumulation, Hyaline Droplet

Moderate

Renal Tubule

Degeneration

Mild

Nephropathy

Minimal

Lymph Node

Deep Cervical

Ectasia

Minimal

Deep Cervical

Hyperplasia

Lymphoid, Moderate

[Hyperplasia TGLS = 1-14]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 305	TRT#: 3	SEX: Male	DAY ON TEST: 93
	DOSE: 0.5 G/KG	DISP: Terminal Sacrifice	HISTO: 0104505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Spleen
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal
		Nephrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 306	TRT#: 3	SEX: Male	DAY ON TEST: 93
	DOSE: 0.5 G/KG	DISP: Terminal Sacrifice	HISTO: 0104506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Spleen
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 307

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 0.5 G/KG

DISP: Terminal Sacrifice

HISTO: 0104507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose

Spleen

OBSERVATIONS

Harderian Gland

Pigmentation

Porphyrin, Minimal

Kidney

Renal Tubule

Accumulation, Hyaline Droplet

Moderate

Renal Tubule

Degeneration

Minimal

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 308	TRT#: 3	SEX: Male	DAY ON TEST: 93
	DOSE: 0.5 G/KG	DISP: Terminal Sacrifice	HISTO: 0104508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Spleen
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Mild
Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-15]			
Lymph Node	Deep Cervical	Ectasia	Minimal
	Deep Cervical	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 309	TRT#: 3	SEX: Male	DAY ON TEST: 93
	DOSE: 0.5 G/KG	DISP: Terminal Sacrifice	HISTO: 0104509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Spleen
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Mild
Lymph Node	Deep Cervical	Ectasia	Mild
	Deep Cervical	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 310	TRT#: 3	SEX: Male	DAY ON TEST: 93
	DOSE: 0.5 G/KG	DISP: Terminal Sacrifice	HISTO: 0104510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Spleen
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 401	TRT#: 4	SEX: Male	DAY ON TEST: 93
	DOSE: 1.0 G/KG	DISP: Terminal Sacrifice	HISTO: 0104511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland	Nose	Spleen	Stomach, Forestomach
Thymus			

OBSERVATIONS

Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Nephrosis	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 402

TRT#: 4

SEX: Male

DAY ON TEST: 93

DOSE: 1.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland
Thymus

Nose

Spleen

Stomach, Forestomach

OBSERVATIONS

Kidney

Renal Tubule

Accumulation, Hyaline Droplet
Nephrosis

Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 403

TRT#: 4

SEX: Male

DAY ON TEST: 26

DOSE: 1.0 G/KG

DISP: Dosing Accident

HISTO: 0104513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Eye	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	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

Harderian Gland		Pigmentation	Porphyrin, Mild
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
		Nephrosis	Minimal
Lung		Congestion	Mild
[Congestion TGLS = 1-4+5]			
Lymph Node, Mesenteric		Atrophy	Minimal
Nose		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 404	TRT#: 4	SEX: Male	DAY ON TEST: 93
	DOSE: 1.0 G/KG	DISP: Terminal Sacrifice	HISTO: 0104514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen	Stomach, Forestomach	Thymus
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Nephrosis	Minimal
Nose	Olfactory Epi	Degeneration	Minimal
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 405	TRT#: 4	SEX: Male	DAY ON TEST: 93
	DOSE: 1.0 G/KG	DISP: Terminal Sacrifice	HISTO: 0104515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Spleen	Stomach, Forestomach	Thymus
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Nephrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 406	TRT#: 4	SEX: Male	DAY ON TEST: 93
	DOSE: 1.0 G/KG	DISP: Terminal Sacrifice	HISTO: 0104516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Spleen	Stomach, Forestomach	Thymus
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Minimal
		Nephrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 407	TRT#: 4	SEX: Male	DAY ON TEST: 93
	DOSE: 1.0 G/KG	DISP: Terminal Sacrifice	HISTO: 0104517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen	Stomach, Forestomach	Thymus
--------	----------------------	--------

OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Nephrosis	Minimal
Nose		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 408	TRT#: 4 DOSE: 1.0 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0104518
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen	Stomach, Forestomach	Thymus
--------	----------------------	--------

OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Nephrosis	Minimal
Lymph Node	Deep Cervical	Ectasia	Mild
	Deep Cervical	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-14]			
Nose		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 409	TRT#: 4	SEX: Male	DAY ON TEST: 93
	DOSE: 1.0 G/KG	DISP: Terminal Sacrifice	HISTO: 0104519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen	Stomach, Forestomach	Thymus
--------	----------------------	--------

OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Minimal
		Nephrosis	Minimal
Nose		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 410	TRT#: 4	SEX: Male	DAY ON TEST: 93
	DOSE: 1.0 G/KG	DISP: Terminal Sacrifice	HISTO: 0104520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen	Stomach, Forestomach	Thymus
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
		Nephrosis	Minimal
Nose	Olfactory Epi	Degeneration	Minimal
		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 501

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Mammary Gland	* 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

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Minimal
* Kidney		Nephropathy	Mild
		Nephrosis	Moderate
* Lung		Inflammation	Chronic, Mild
* Lymph Node, Mesenteric		Atrophy	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Chronic, Minimal
* Spleen		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 502

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* 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

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Minimal
* Kidney		Nephropathy	Mild
		Nephrosis	Moderate
* Lung	Bronchus	Infiltration Cellular	Polymorphnuclr, Mild
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal
* Spleen		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 503

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* 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, Mesenteric
* Mammary Gland	* 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

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Minimal
* Kidney		Nephropathy	Mild
		Nephrosis	Moderate
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal
* Spleen		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 504

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Minimal
* Kidney		Nephropathy	Mild
		Nephrosis	Mild
* Liver		Fibrosis	Focal, Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-4]			
* Lymph Node, Mesenteric		Atrophy	Moderate
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
Oral Mucosa		Inflammation	Chronic, Mild
* Spleen		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 505

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Mammary Gland
Oral Mucosa	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
Zymbal's Gland			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Minimal
* Kidney		Nephropathy	Mild
		Nephrosis	Moderate
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose	Olfactory Epi	Degeneration	Minimal
		Inflammation	Chronic, Minimal
* Spleen		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 506

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* 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

* Harderian Gland	* Lymph Node, Mandibular
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OBSERVATIONS

* Intestine Small, Jejunum		Atrophy	Mild
* Kidney		Nephropathy	Mild
		Nephrosis	Moderate
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Chronic, Minimal
* Spleen		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 507

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Minimal
* Intestine Small, Jejunum		Atrophy	Mild
* Kidney		Nephropathy	Mild
		Nephrosis	Moderate
* Lymph Node, Mesenteric		Atrophy	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 508

TRT#: 5

SEX: Male

DAY ON TEST: 18

DOSE: 2.0 G/KG

DISP: Natural Death

HISTO: 0104528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
Lacrimal Gland	* Liver	* Lung	* Mammary Gland
* 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

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Hemorrhage	Mild
* Harderian Gland	Pigmentation	Porphyrin, Minimal
* Kidney	Nephropathy	Minimal
	Nephrosis	Minimal
* Lymph Node, Mesenteric	Atrophy	Minimal
* Spleen	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 509

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* 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

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Minimal
* Kidney		Nephropathy	Mild
		Nephrosis	Moderate
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
		Inflammation	Chronic, Minimal
* Spleen		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 510

TRT#: 5

DOSE: 2.0 G/KG

SEX: Male

DISP: Natural Death

DAY ON TEST: 4

HISTO: 0104530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Degeneration	Marked
Note: Epididymal degeneration = aspermia			
* Eye	Antr Chamber, Cornea	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-11]			
* Harderian Gland		Pigmentation	Porphyrin, Marked
* Kidney	Renal Tubule	Necrosis	Marked
* Lymph Node, Mesenteric		Atrophy	Mild
* Seminal Vesicle		Atrophy	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Minimal
* Testes	Germinal Epith	Degeneration	Mild
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Renal Tubule Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 601

TRT#: 6

SEX: Male

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * 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, Mesenteric |
| * Mammary Gland | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------------------|----------------|--------------|-------------------|
| * Harderian Gland | | Pigmentation | Porphyrin, Marked |
| * Kidney | | Nephropathy | Minimal |
| * Nose | Olfactory Epi | Degeneration | Marked |
| | | Inflammation | Suppurative, Mild |
| | Respirat Epith | Necrosis | Marked |
| * Spleen | | Atrophy | Marked |
| * Stomach, Forestomach | | Inflammation | Acute, Mild |
| * Thymus | | Necrosis | Marked |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 602

TRT#: 6

SEX: Male

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Minimal
* Thymus		Necrosis	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 603

TRT#: 6

SEX: Male

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Seminal Vesicle
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OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Mild
* Thymus		Necrosis	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 604

TRT#: 6

SEX: Male

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Nose	Olfactory Epi	Degeneration	Mild
		Metaplasia	Squamous, Minimal
	Respirat Epith	Necrosis	Mild
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Moderate
		Ulcer	Mild
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 605

TRT#: 6

SEX: Male

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Moderate
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Mild
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 606

TRT#: 6

SEX: Male

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Moribund Sacrifice

HISTO: 0104536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------------------|----------------|--------------|-------------------|
| * Harderian Gland | | Pigmentation | Porphyrin, Marked |
| * Nose | Olfactory Epi | Degeneration | Moderate |
| | | Inflammation | Suppurative, Mild |
| | Respirat Epith | Necrosis | Moderate |
| * Spleen | | Atrophy | Marked |
| * Stomach, Forestomach | | Inflammation | Acute, Mild |
| * Thymus | | Necrosis | Marked |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 607

TRT#: 6

SEX: Male

DAY ON TEST: 4

DOSE: 4.0 G/KG

DISP: Moribund Sacrifice

HISTO: 0104537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Bone Marrow
- * Eye
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Seminal Vesicle
- * Thyroid Gland

- * Adrenal Medulla
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Mammary Gland
- * Preputial Gland
- * Skin
- * Trachea

- * Blood Vessel
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Liver
- * Nose
- * Prostate
- * Stomach, Glandular
- * Urinary Bladder

- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lung
- * Pancreas
- * Salivary Glands
- * Testes

MISSING

- * Lymph Node, Mandibular

- * Parathyroid Gland

OBSERVATIONS

- * Harderian Gland
- * Spleen
- * Stomach, Forestomach
- * Thymus

- Pigmentation
- Atrophy
- Inflammation
- Ulcer
- Atrophy

- Porphyrin, Minimal
- Marked
- Acute, Moderate
- Moderate
- Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 608

TRT#: 6

SEX: Male

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Moderate
		Ulcer	Mild
* Thymus		Necrosis	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 609

TRT#: 6

SEX: Male

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Moderate
		Ulcer	Moderate
* Thymus		Necrosis	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 610

TRT#: 6

SEX: Male

DAY ON TEST: 11

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * 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, Mesenteric |
| * Mammary Gland | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------------------|----------------|--------------|---------------------|
| * Harderian Gland | | Pigmentation | Porphyrin, Marked |
| * Kidney | Renal Tubule | Necrosis | Mild |
| * Nose | Olfactory Epi | Degeneration | Marked |
| | | Metaplasia | Squamous, Mild |
| | Respirat Epith | Necrosis | Marked |
| * Preputial Gland | | Inflammation | Suppurative, Marked |
| * Spleen | | Atrophy | Marked |
| * Stomach, Forestomach | | Ulcer | Mild |
| * Thymus | | Necrosis | Marked |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 151

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * 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 |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | |
|-------------------|--------------|--------------------|
| * Harderian Gland | Pigmentation | Porphyrin, Minimal |
| * Liver | Inflammation | Chronic, Minimal |
| * Lung | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 152

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Eye
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland
* Lung

Pigmentation
Inflammation

Porphyrin, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 153

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Bone

* Bone Marrow

* Brain

* Clitoral Gland

* Esophagus

* Eye

* Harderian Gland

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Kidney

* Liver

* 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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Lung

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 154

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* 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, 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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland	Pigmentation	Porphyrin, Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 155

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Inflammation	Chronic Active, Minimal
* Lung		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Minimal
* Pancreas	Acinus	Atrophy	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 156

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 157

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Bone

* Bone Marrow

* Brain

* Clitoral Gland

* Esophagus

* Eye

* Harderian Gland

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Kidney

* Liver

* Lung

* 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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 158

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* 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		

MISSING

* Lymph Node, Mandibular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 159

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Liver |
| * Lung | * 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 | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|-----------------------------|---------------|-------------|--------------------|
| Lymph Node | Deep Cervical | Ectasia | Moderate |
| | Deep Cervical | Hyperplasia | Lymphoid, Moderate |
| [Hyperplasia TGLS = 1-13] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 160

TRT#: 7

SEX: Female

DAY ON TEST: 93

DOSE: 0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* 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		

MISSING

* Lymph Node, Mandibular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 251

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 0.25 G/KG

DISP: Terminal Sacrifice

HISTO: 0104551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Kidney

Renal Tubule

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 252

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 0.25 G/KG

DISP: Terminal Sacrifice

HISTO: 0104552

OBSERVATIONS

Harderian Gland

Kidney

Renal Tubule

Pigmentation

Degeneration

Porphyrin, Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 253

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 0.25 G/KG

DISP: Terminal Sacrifice

HISTO: 0104553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Minimal
Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 254

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 0.25 G/KG

DISP: Terminal Sacrifice

HISTO: 0104554

OBSERVATIONS

Harderian Gland

Kidney

Lymph Node

Renal Tubule

Deep Cervical

Deep Cervical

Pigmentation

Degeneration

Ectasia

Hyperplasia

Porphyrin, Minimal

Minimal

Moderate

Lymphoid, Mild

[Hyperplasia TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 255

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 0.25 G/KG

DISP: Terminal Sacrifice

HISTO: 0104555

OBSERVATIONS

Harderian Gland

Kidney

Renal Tubule

Renal Tubule

Pigmentation

Degeneration

Mineralization

Porphyrin, Minimal

Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 256

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 0.25 G/KG

DISP: Terminal Sacrifice

HISTO: 0104556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Minimal
Lymph Node	Deep Cervical	Ectasia	Mild
	Deep Cervical	Hyperplasia	Lymphoid, Mild

[Hyperplasia TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 257

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 0.25 G/KG

DISP: Terminal Sacrifice

HISTO: 0104557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Kidney

Renal Tubule

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 258

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 0.25 G/KG

DISP: Terminal Sacrifice

HISTO: 0104558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Minimal
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 259

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 0.25 G/KG

DISP: Terminal Sacrifice

HISTO: 0104559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Minimal
Lymph Node	Deep Cervical	Ectasia	Minimal
	Deep Cervical	Hyperplasia	Lymphoid, Minimal

[Hyperplasia TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 260

TRT#: 8

SEX: Female

DAY ON TEST: 93

DOSE: 0.25 G/KG

DISP: Terminal Sacrifice

HISTO: 0104560

OBSERVATIONS

Harderian Gland

Kidney

Renal Tubule

Pigmentation

Degeneration

Nephropathy

Necrosis

Porphyrin, Minimal

Minimal

Minimal

Mild

Mesentery

Fat

[Necrosis TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 351

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 0.5 G/KG

DISP: Terminal Sacrifice

HISTO: 0104561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Nose

Spleen

OBSERVATIONS

Kidney

Renal Tubule

Degeneration

Minimal

Lymph Node

Deep Cervical

Ectasia

Minimal

Deep Cervical

Hyperplasia

Lymphoid, Mild

[Hyperplasia TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 352

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 0.5 G/KG

DISP: Terminal Sacrifice

HISTO: 0104562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Nose

Spleen

OBSERVATIONS

Kidney

Renal Tubule

Degeneration

Minimal

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 353	TRT#: 9	SEX: Female	DAY ON TEST: 93
	DOSE: 0.5 G/KG	DISP: Terminal Sacrifice	HISTO: 0104563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Spleen
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OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Degeneration	Minimal
Lymph Node	Deep Cervical	Ectasia	Minimal
	Deep Cervical	Hyperplasia	Lymphoid, Moderate

[Hyperplasia TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 0.5 G/KG

DISP: Terminal Sacrifice

HISTO: 0104564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Nose

Spleen

OBSERVATIONS

Kidney

Renal Tubule

Degeneration

Minimal

Lymph Node

Deep Cervical

Hyperplasia

Lymphoid, Moderate

[Hyperplasia TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 355

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 0.5 G/KG

DISP: Terminal Sacrifice

HISTO: 0104565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Nose

Spleen

OBSERVATIONS

Kidney

Renal Tubule

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 356	TRT#: 9	SEX: Female	DAY ON TEST: 93
	DOSE: 0.5 G/KG	DISP: Terminal Sacrifice	HISTO: 0104566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Nose

Spleen

OBSERVATIONS

Kidney

Renal Tubule

Degeneration

Minimal

Renal Tubule

Mineralization

Minimal

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 357

TRT#: 9

SEX: Female

DAY ON TEST: 93

DOSE: 0.5 G/KG

DISP: Terminal Sacrifice

HISTO: 0104567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Nose

Spleen

OBSERVATIONS

Kidney

Renal Tubule

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 358	TRT#: 9 DOSE: 0.5 G/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0104568
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland	Nose	Spleen
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OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal
Lymph Node	Deep Cervical	Ectasia	Minimal
	Deep Cervical	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-13]			
Thymus		Hemorrhage	Mild
[Hemorrhage TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 359	TRT#: 9	SEX: Female	DAY ON TEST: 93
	DOSE: 0.5 G/KG	DISP: Terminal Sacrifice	HISTO: 0104569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland	Nose	Spleen
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OBSERVATIONS

Kidney	Renal Tubule	Degeneration	Minimal
Lymph Node	Deep Cervical	Ectasia	Moderate
	Deep Cervical	Hyperplasia	Lymphoid, Mild

[Hyperplasia TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360	TRT#: 9	SEX: Female	DAY ON TEST: 93
	DOSE: 0.5 G/KG	DISP: Terminal Sacrifice	HISTO: 0104570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Nose	Spleen
------	--------

OBSERVATIONS

Harderian Gland		Pigmentation	Porphyrin, Minimal
Kidney	Renal Tubule	Degeneration	Minimal
Liver		Hepatodiaphragmatic Nodule	

[Hepatodiaphragmatic Nodule TGLS = 1-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 451	TRT#: 10 DOSE: 1.0 G/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 0104571
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland	Spleen	Stomach, Forestomach	Thymus
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OBSERVATIONS

Kidney		Nephrosis	Minimal
Lymph Node [Hyperplasia TGLS = 1-13]	Deep Cervical	Hyperplasia	Lymphoid, Moderate
Nose	Olfactory Epi	Degeneration Inflammation Inflammation	Mild Chronic, Minimal Suppurative, Minimal
	Respirat Epith	Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 452

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 1.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Spleen

Stomach, Forestomach

Thymus

OBSERVATIONS

Kidney

Nephropathy

Minimal

Nephrosis

Minimal

Nose

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 453

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 1.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen

Stomach, Forestomach

Thymus

OBSERVATIONS

Harderian Gland

Pigmentation

Porphyrin, Minimal

Kidney

Nephropathy

Minimal

Nephrosis

Minimal

Lymph Node, Mesenteric

Atrophy

Minimal

Nose

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 454	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 1.0 G/KG	DISP: Terminal Sacrifice	HISTO: 0104574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland	Spleen	Stomach, Forestomach	Thymus
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OBSERVATIONS

Kidney		Nephrosis	Minimal
Nose		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 455	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 1.0 G/KG	DISP: Terminal Sacrifice	HISTO: 0104575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland	Spleen	Stomach, Forestomach	Thymus
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OBSERVATIONS

Kidney		Nephropathy	Minimal
		Nephrosis	Minimal
Lymph Node, Mesenteric		Atrophy	Minimal
Nose		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 456

TRT#: 10

SEX: Female

DAY ON TEST: 64

DOSE: 1.0 G/KG

DISP: Dosing Accident

HISTO: 0104576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney		Nephrosis	Minimal
Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-7]			
Lung	Vein	Thrombosis	Mild
Nose		Inflammation	Chronic, Minimal
Spleen		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 2 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 457

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 1.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen

Stomach, Forestomach

Thymus

OBSERVATIONS

Harderian Gland

Pigmentation

Porphyrin, Minimal

Kidney

Nephrosis

Minimal

Nose

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 459

TRT#: 10

SEX: Female

DAY ON TEST: 93

DOSE: 1.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Harderian Gland

Spleen

Stomach, Forestomach

Thymus

OBSERVATIONS

Kidney

Nephrosis

Minimal

Nose

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01
Test Type: 90-DAY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Myrcene
CAS Number: 123-35-3

Date Report Requested: 10/19/2014
Time Report Requested: 12:47:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 460	TRT#: 10	SEX: Female	DAY ON TEST: 93
	DOSE: 1.0 G/KG	DISP: Terminal Sacrifice	HISTO: 0104580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen	Stomach, Forestomach	Thymus
--------	----------------------	--------

OBSERVATIONS

Harderian Gland	Pigmentation	Porphyrin, Minimal
Kidney	Nephrosis	Minimal
Nose	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 551

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Eye	Retina	Atrophy	Mild
		Cataract	Moderate
	Postr Chamber	Exudate	Marked
* Kidney		Nephrosis	Minimal
* Lung		Inflammation	Chronic, Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Mild
	Respirat Epith	Necrosis	Mild
* Spleen		Atrophy	Minimal
* Stomach, Forestomach		Inflammation	Acute, Minimal
* Trachea		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 552

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephrosis	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 1-7]		
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal
* Spleen		Atrophy	Minimal
* Thymus		Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 553

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
		Nephrosis	Minimal
* Lung		Inflammation	Chronic, Minimal
		Metaplasia	Osseous, Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Minimal
* Spleen		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 554

TRT#: 11

SEX: Female

DAY ON TEST: 4

DOSE: 2.0 G/KG

DISP: Moribund Sacrifice

HISTO: 0104584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Liver
* Lung	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Mild
* Intestine Small, Ileum		Atrophy	Moderate
* Intestine Small, Jejunum		Atrophy	Moderate
* Kidney	Renal Tubule	Necrosis	Moderate
* Lymph Node, Mesenteric		Atrophy	Moderate
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Mild
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Mild
		Ulcer	Moderate
* Thymus		Atrophy	Moderate
		Necrosis	Minimal

PRIMARY CAUSE OF DEATH

- Kidney Renal Tubule Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 555

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Minimal
* Kidney		Nephrosis	Minimal
* Lymph Node, Mesenteric		Atrophy	Minimal
* Nose	Olfactory Epi	Degeneration	Mild
		Inflammation	Chronic, Mild
* Spleen		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 556

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephrosis	Minimal
* Lung		Inflammation	Chronic, Minimal
Lymph Node	Deep Cervical	Ectasia	Minimal
	Deep Cervical	Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 1-13]		
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Inflammation	Suppurative, Marked
		Necrosis	Moderate
	Note: Granulomatous response with resulting Turbinate Fusion and Bone Bysis.		
* Spleen		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 557

TRT#: 11

SEX: Female

DAY ON TEST: 3

DOSE: 2.0 G/KG

DISP: Moribund Sacrifice

HISTO: 0104587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * 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, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------------------|--------------|--------------|-----------------|
| * Harderian Gland | | Pigmentation | Porphyrin, Mild |
| * Kidney | Renal Tubule | Necrosis | Marked |
| * Spleen | | Atrophy | Moderate |
| * Stomach, Forestomach | | Inflammation | Acute, Mild |
| | | Ulcer | Mild |
| * Thymus | | Necrosis | Mild |

PRIMARY CAUSE OF DEATH

- Kidney Renal Tubule Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 558

TRT#: 11

SEX: Female

DAY ON TEST: 87

DOSE: 2.0 G/KG

DISP: Natural Death

HISTO: 0104588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Nephrosis	Mild
* Spleen	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 559

TRT#: 11

SEX: Female

DAY ON TEST: 93

DOSE: 2.0 G/KG

DISP: Terminal Sacrifice

HISTO: 0104589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Liver | * Lymph Node, Mesenteric | * Mammary Gland |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|-------------------|---------------|----------------|----------------------|
| * Harderian Gland | | Pigmentation | Porphyrin, Minimal |
| * Kidney | Renal Tubule | Mineralization | Minimal |
| | | Nephrosis | Minimal |
| * Lung | | Inflammation | Chronic, Minimal |
| * Nose | Olfactory Epi | Degeneration | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Atrophy | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 560

TRT#: 11

SEX: Female

DAY ON TEST: 2

DOSE: 2.0 G/KG

DISP: Natural Death

HISTO: 0104590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* 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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Spleen		Atrophy	Mild
* Stomach, Forestomach		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 651

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* 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, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Kidney	Renal Tubule	Mineralization	Minimal
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Minimal
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Moderate
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 652

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* 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, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Kidney	Renal Tubule	Necrosis	Marked
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Minimal
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Moderate
		Ulcer	Mild
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Renal Tubule Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 653

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Moderate
		Ulcer	Mild
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 654

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Moribund Sacrifice

HISTO: 0104594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* 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, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Kidney	Renal Tubule	Necrosis	Marked
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Necrosis	Mild
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Moderate
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- Kidney Renal Tubule Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 655

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 656

TRT#: 12

SEX: Female

DAY ON TEST: 2

DOSE: 4.0 G/KG

DISP: Dosing Accident

HISTO: 0104596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Lung	Alveolus	Necrosis	Acute, Marked
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Marked
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Moderate
* Stomach, Forestomach		Inflammation	Acute, Moderate
* Thymus		Necrosis	Minimal

PRIMARY CAUSE OF DEATH

- Lung Alveolus Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 657

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Minimal
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Moderate
* Stomach, Forestomach		Inflammation	Acute, Moderate
* Thymus		Necrosis	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 658

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Minimal
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Moderate
		Ulcer	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 659

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Mild
* Thymus		Necrosis	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99023-01

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Myrcene

CAS Number: 123-35-3

Date Report Requested: 10/19/2014

Time Report Requested: 12:47:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 660

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 4.0 G/KG

DISP: Natural Death

HISTO: 0104600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Harderian Gland		Pigmentation	Porphyrin, Marked
* Kidney		Atrophy	Marked
[Atrophy TGLS = 2-13]			
Lacrimal Gland	Epithelium	Degeneration	Minimal
* Lung		Metaplasia	Osseous, Minimal
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach		Inflammation	Acute, Moderate
* Thymus		Necrosis	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE