

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

C Number: C56111B
Lock Date: 06/28/2000
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 07/11/2001

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose		Inflammation	Minimal
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Necrosis	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland		Angiectasis	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus		
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
	Artery	Inflammation	Mild
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Inflammation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:11
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Cyst	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 2-9]			
* Liver		Inflammation	Minimal
* Nose		Foreign Body	
		Inflammation	Minimal
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Moderate
[Inflammation TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Minimal
* Kidney		Infiltration Cellular Mineralization Nephropathy	Lymphocyte, Minimal Minimal Minimal
* Liver		Fatty Change Inflammation	Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia Inflammation	Minimal Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 498
DOSE: UNTREATDCONTROL **DISP:** Natural Death **HISTO:** 9902727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Esophagus		Hyperkeratosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-9]		
* Nose	Note: Nose, Olfactory Epithelium- Normal		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Hyperkeratosis	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Kidney	Infiltration Cellular	Lymphocyte, Minimal
	Nephropathy	Minimal
* Nose		
Note: Nose, Olfactory Epithelium- Normal		
* Salivary Glands	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lymph Node, Mesenteric		Infiltration Cellular	Mast Cell, Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Skin	Subcut Tiss	Hemangioma	
[Hemangioma TGLS = 1-9]			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 3-9]			
* Kidney		Inflammation	Minimal
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 2-8]			
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 666
	DOSE: UNTREATDCONTROL	DISP: Natural Death	HISTO: 9902731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-9]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland		Cyst	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Moderate
[Inflammation TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
		[Hepatocellular Adenoma TGLS = 1-9]	
		[Mixed Cell Focus TGLS = 2-10]	
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Pituitary Gland		Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Intestine Small, Ileum	Peyers Patch	Hyperplasia	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia Inflammation	Mild Mild
	[Hyperplasia TGLS = 1-9]		
* Kidney		Infiltration Cellular Mineralization Nephropathy Inflammation	Lymphocyte, Minimal Minimal Minimal Minimal
* Liver			
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Preputial Gland		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: UNTREATDCONTROL

DISP: Natural Death

HISTO: 9902736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Epididymis		Lymphoma Malignant	
* Esophagus		Hyperkeratosis	Minimal
* Kidney		Lymphoma Malignant	
		Mineralization	Minimal
* Liver		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 3-10]	
		[Lymphoma Malignant TGLS = 5-12]	
		[Lymphoma Malignant TGLS = 6-9]	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-11]	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Minimal
* Prostate		Lymphoma Malignant	
* Seminal Vesicle		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: UNTREATDCONTROL	DISP: Natural Death	HISTO: 9902736

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-4]

* Thymus	Lymphoma Malignant	
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 340

DOSE: UNTREATDCONTROL

DISP: Natural Death

HISTO: 9902737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Cortex

Note: Second adrenal is present but severely autolytic.

Blood Vessel	Aorta	Inflammation	Moderate
	Aorta	Thrombosis	Marked
* Bone Marrow		Hyperplasia	Minimal
* Esophagus		Hyperkeratosis	Minimal
* Heart		Inflammation	Mild
* Kidney		Nephropathy	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Blood Vessel Aorta Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Mild
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone		Myelofibrosis	Mild
* Bone Marrow		Hyperplasia	Minimal
* Gallbladder		Inflammation	Mild
Harderian Gland		Adenoma	
		[Adenoma TGLS = 1-9]	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Minimal
		[Hepatocellular Adenoma TGLS = 3-10]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
		[Ectasia TGLS = 2-8]	
* Salivary Glands		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902739

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 1	SEX: Male	DAY ON TEST: 687
	DOSE: UNTREATDCONTROL	DISP: Natural Death	HISTO: 9902740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Nose

OBSERVATIONS

* Epididymis			
Note: There are degenerative germ cells within tubules.			
* Islets, Pancreatic		Atrophy	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Stomach, Forestomach		Hyperplasia	Mild
[Hyperplasia TGLS = 1-9]			
* Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Minimal
		[Hepatocellular Carcinoma TGLS = 1-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
		[Ectasia TGLS = 2-8]	
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: trans-Cinnamaldehyde

CAS Number: 14371-10-9

Date Report Requested: 10/18/2014

Time Report Requested: 17:09:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 2-9]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-10]			
* Lymph Node, Mesenteric		Mineralization	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: trans-Cinnamaldehyde

CAS Number: 14371-10-9

Date Report Requested: 10/18/2014

Time Report Requested: 17:09:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1,2-4]			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infarct	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Necrosis	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Minimal
* Intestine Small, Jejunum [Lymphoma Malignant TGLS = 1-9]	Peyers Patch	Lymphoma Malignant	
* Kidney		Infiltration Cellular Mineralization Nephropathy	Lymphocyte, Minimal Minimal Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose Note: Nose, Olfactory Epithelium- Normal			
* Spleen		Hemangiosarcoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
		Hypertrophy	Minimal
* Kidney		Infarct	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland	Pars Intermed	Adenoma	
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Adenoma	Minimal Mild
Harderian Gland [Adenoma TGLS = 1-9]			
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization Nephropathy	Minimal Lymphocyte, Minimal Minimal Minimal
* Nose Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Preputial Gland [Ectasia TGLS = 2-8]	Duct	Ectasia Inflammation	Mild Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 3-10]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902750

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Cyst	Minimal
		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902752

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands

Inflammation

Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 1	SEX: Male	DAY ON TEST: 188
	DOSE: UNTREATDCONTROL	DISP: Natural Death	HISTO: 9902756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Nose	* Stomach, Forestomach
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OBSERVATIONS

* Esophagus	Hyperkeratosis	Minimal
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PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Severe autolysis of most tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Cyst	Mild
		Hepatocellular Adenoma	

[Cyst TGLS = 2-9]

[Hepatocellular Adenoma TGLS = 1-9]

* Nose

Note: Nose, Olfactory Epithelium- Normal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization Nephropathy Inflammation	Minimal Lymphocyte, Minimal Minimal Minimal Minimal
* Liver			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 538

DOSE: UNTREATDCONTROL

DISP: Natural Death

HISTO: 9902759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
		Lymphoma Malignant	
	[Hepatocellular Carcinoma TGLS = 4-11]		
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-10]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-9]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Salivary Glands		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-4]		
* Stomach, Forestomach		Hyperkeratosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 1	SEX: Male	DAY ON TEST: 538
	DOSE: UNTREATDCONTROL	DISP: Natural Death	HISTO: 9902759

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus Lymphoma Malignant

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: There was extensive autolysis in many tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-9]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Pancreas		Inflammation	Minimal
* Preputial Gland		Inflammation	Mild
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular Mineralization Nephropathy	Lymphocyte, Minimal Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia Inflammation	Mild Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Kidney	Renal Tubule	Hyperplasia Infiltration Cellular Mineralization Nephropathy	Minimal Lymphocyte, Minimal Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia Inflammation	Minimal Minimal
[Ectasia TGLS = 1-8]			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: trans-Cinnamaldehyde

CAS Number: 14371-10-9

Date Report Requested: 10/18/2014

Time Report Requested: 17:09:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Minimal
	[Hepatocellular Carcinoma TGLS = 2-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 1,3,4-9+10+11]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Preputial GI			
	Note: Only one gland present.		
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
Harderian Gland		Adenoma	
		Inflammation	Minimal
[Adenoma TGLS = 1-9]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Skin	Subcut Tiss	Hemangioma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Necrosis	Mild
		[Hepatocellular Adenoma TGLS = 1-9]	
		[Hepatocellular Carcinoma TGLS = 2-10]	
		[Necrosis TGLS = 3-10]	
* Nose		Inflammation	Mild
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Testes		Mineralization	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLS = 2-9]	Peyers Patch	Hyperplasia	Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Lymphocyte, Minimal Minimal Minimal
* Liver		Eosinophilic Focus Inflammation	Minimal
Lymph Node	Mediastinal	Hyperplasia	Mild
* Lymph Node, Mesenteric Mesentery Note: Mesentery of the ileum.	Fat	Hyperplasia Inflammation	Mild Mild
* Nose Note: Nose, Olfactory Epithelium- Normal			
* Pancreas [Cyst TGLS = 1-9]		Cyst Inflammation	Moderate Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902770

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 9902771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric	* 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

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Mild
* Esophagus	Hyperkeratosis	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	

[Alveolar/Bronchiolar Carcinoma TGLS = 2-9]

* Nose

Note: Nose, Olfactory Epithelium- Normal

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

Animal Note: All tissues were severely autolyzed.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9902772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infarct	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Minimal
	[Hepatocellular Adenoma TGLS = 1-9]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 708

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 9902773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis			
Note: There are degenerative germ cells within tubules.			
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2,3-4+9]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-3]			
* Lymph Node, Mesenteric		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
Pleura		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 1-8]			
* Salivary Glands		Atrophy	Moderate
* Spleen	Lymph Follic	Atrophy	Mild
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9902774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[Hepatocellular Carcinoma TGLS = 1-9]		
	[Mixed Cell Focus TGLS = 2-10]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-11]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Preputial Gland	Duct	Ectasia	Mild
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Adenoma	Minimal Minimal
Harderian Gland			
[Adenoma TGLS = 1-9]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Cyst Dilatation	Minimal Minimal
	Artery	Infiltration Cellular Inflammation Mineralization Nephropathy	Lymphocyte, Minimal Mild Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation Mixed Cell Focus	Lymphocyte, Minimal Minimal
[Mixed Cell Focus TGLS = 2-10]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902775

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 3	SEX: Male	DAY ON TEST: 100
	DOSE: VEHICLE CONTROL	DISP: Natural Death	HISTO: 9902776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Nose			

Note: Nose, Olfactory Epithelium- Normal

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Minimal
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Mild
* Salivary Glands		Atrophy	Mild
		Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9902778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Kidney	Infiltration Cellular	Lymphocyte, Minimal
	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Inflammation	Minimal
	Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-5]		
* Nose		
Note: Nose, Olfactory Epithelium- Normal		
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
* Nose			

Note: Nose, Olfactory Epithelium- Normal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Gallbladder		Inflammation	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Minimal
		[Hepatocellular Adenoma TGLS = 1-5]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Pancreas		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9902781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-9]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:11
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 62 TRT#: 3 SEX: Male DAY ON TEST: 731
 DOSE: VEHICLE CONTROL DISP: Terminal Sacrifice HISTO: 9902782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Minimal
* Kidney		Infiltration Cellular Mineralization	Lymphocyte, Minimal Minimal
* Liver		Nephropathy Basophilic Focus Hepatocellular Adenoma Inflammation	Minimal
	[Hepatocellular Adenoma TGLS = 1-5]		
* Nose	Note: Nose, Olfactory Epithelium- Normal		
* Thyroid Gland	Follicular Cel	Adenoma	
	[Adenoma TGLS = 2-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63 TRT#: 3 SEX: Male DAY ON TEST: 728
DOSE: VEHICLE CONTROL DISP: Terminal Sacrifice HISTO: 9902783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	[Hepatocellular Adenoma TGLS = 1-9]		
* Nose	Note: Nose, Olfactory Epithelium- Normal		
* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Inflammation	Mild
* Salivary Glands		Inflammation	Minimal
* Thymus		Lymphoma Malignant	

[Lymphoma Malignant TGLS = 2-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Minimal
		[Hepatocellular Carcinoma TGLS = 3-9]	
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
		[Infiltration Cellular TGLS = 2-2]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Mild
		[Ectasia TGLS = 1-8]	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902784

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney		Cyst	Mild
		Infarct	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 1-4]			
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
Oral Mucosa	Pharyngeal	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-9]			
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66	TRT#: 3	SEX: Male	DAY ON TEST: 728
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9902786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infarct	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		[Alveolar/Bronchiolar Carcinoma TGLS = 2-9]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Minimal
		[Ectasia TGLS = 1-8]	
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Inflammation	Minimal
		[Hepatocellular Carcinoma TGLS = 2-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Preputial Gland	Duct	Ectasia	Mild
		[Ectasia TGLS = 1-8]	
* Salivary Glands		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9902788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-9]		
* Nose	Note: Nose, Olfactory Epithelium- Normal		
* Pancreas		Inflammation	Minimal
* Preputial Gland		Inflammation	Mild
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69	TRT#: 3	SEX: Male	DAY ON TEST: 728
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9902789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Kidney		Infiltration Cellular Mineralization Nephropathy Inflammation	Lymphocyte, Minimal Minimal Minimal Minimal
* Liver			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia Inflammation	Mild Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Mild
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71	TRT#: 3 DOSE: VEHICLE CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9902791
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Kidney		Infiltration Cellular Mineralization Nephropathy Fatty Change	Lymphocyte, Minimal Minimal Minimal Minimal
* Liver			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia Inflammation	Mild Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72	TRT#: 3	SEX: Male	DAY ON TEST: 728
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9902792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
Harderian Gland		Adenoma	
		[Adenoma TGLS = 1-9]	
* Kidney		Infarct	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Mild
		[Ectasia TGLS = 2-8]	
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Mineralization	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Atrophy	Minimal
		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:11
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 74 TRT#: 3 SEX: Male DAY ON TEST: 728
 DOSE: VEHICLE CONTROL DISP: Natural Death HISTO: 9902794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Nose

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Lymphoma Malignant	
* Epididymis		Lymphoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
		Mineralization	Minimal
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-3+4+5]		
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-9]		
	[Lymphoma Malignant TGLS = 3-10]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-11]		
* Pancreas		Lymphoma Malignant	
* Prostate		Lymphoma Malignant	
* Seminal Vesicle		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 9902794

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 1-4]

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Necrosis	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76	TRT#: 3	SEX: Male	DAY ON TEST: 728
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9902796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Renal Tubule	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose	Nasolacrim Dct	Inflammation	Minimal
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77 TRT#: 3 SEX: Male DAY ON TEST: 729
DOSE: VEHICLE CONTROL DISP: Terminal Sacrifice HISTO: 9902797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Gallbladder		Inflammation	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Minimal
	[Hepatocellular Adenoma TGLS = 1,2-9+10]		
* Nose	Note: Nose, Olfactory Epithelium- Normal		
* Pancreas		Inflammation	Minimal
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Epididymis		Mineralization	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Preputial Gland		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:11
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Minimal
	[Hepatocellular Adenoma TGLS = 1-9]		
* Nose	Note: Nose, Olfactory Epithelium- Normal		
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Atrophy	Minimal
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
Coagulating Gland		Inflammation	Mild
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Mild
Note: Neoplastic plasma cells similar to those in the lymph node.			
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Plasma Cell Tumor Malignant	
[Plasma Cell Tumor Malignant TGLS = 2-5]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902800

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9902801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Hemangioma	
* Preputial Gland		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone		Myelofibrosis	Mild
* Intestine Small, Jejunum		Cyst	Moderate
[Cyst TGLS = 3-9]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84 TRT#: 3 SEX: Male DAY ON TEST: 731
DOSE: VEHICLE CONTROL DISP: Terminal Sacrifice HISTO: 9902804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Inflammation	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85 TRT#: 3 SEX: Male DAY ON TEST: 730
DOSE: VEHICLE CONTROL DISP: Terminal Sacrifice HISTO: 9902805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9902806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:11
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 87 TRT#: 3 SEX: Male DAY ON TEST: 729
 DOSE: VEHICLE CONTROL DISP: Terminal Sacrifice HISTO: 9902807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Minimal
		Necrosis	Minimal
		[Hepatocellular Adenoma TGLS = 2-9]	
* Nose		Foreign Body	
		Inflammation	Mild
		Note: Nose, Olfactory Epithelium- Normal	
* Pancreas		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
		[Ectasia TGLS = 1-8]	
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88 TRT#: 3 SEX: Male DAY ON TEST: 728
DOSE: VEHICLE CONTROL DISP: Terminal Sacrifice HISTO: 9902808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy Inflammation	Lymphocyte, Minimal Minimal Minimal Minimal
* Liver			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Skin		Squamous Cell Papilloma	

[Squamous Cell Papilloma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
		Inflammation	Minimal
	[Hepatocellular Carcinoma TGLS = 1-5]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Mild
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9902811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			

Note: Nose, Olfactory Epithelium- Normal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Minimal
	[Hepatocellular Carcinoma TGLS = 1-9]		
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: trans-Cinnamaldehyde

CAS Number: 14371-10-9

Date Report Requested: 10/18/2014

Time Report Requested: 17:09:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 572

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 9902813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Nose

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Hemangiosarcoma	
* Esophagus		Hyperkeratosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
* Liver		Nephropathy	Minimal
		Inflammation	Minimal
		Necrosis	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes		Hemangiosarcoma	

Note: The testis with the neoplasm is necrotic and could not be recognized with certainty.

[Hemangiosarcoma TGLS = 1-9]

PRIMARY CAUSE OF DEATH

- Testes Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94 TRT#: 3 SEX: Male DAY ON TEST: 730
DOSE: VEHICLE CONTROL DISP: Terminal Sacrifice HISTO: 9902814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Kidney		Infiltration Cellular Mineralization	Lymphocyte, Minimal Minimal
* Liver		Nephropathy Inflammation	Minimal Minimal
* Lung		Mixed Cell Focus	
* Nose		Alveolar/Bronchiolar Adenoma	
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia Inflammation	Mild Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:11
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96	TRT#: 3 DOSE: VEHICLE CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9902816
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Minimal
		Necrosis	Minimal
		[Hepatocellular Adenoma TGLS = 1-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2,3-9+11]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Minimal
* Nose	Nasolacrim Dct	Inflammation	Minimal
Note: Nose, Olfactory Epithelium- Normal			
* Preputial GI			
Note: Only 1 gland examined, tissue not present for recut.			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-4]			
* Stomach, Forestomach		Hyperplasia	Mild
[Hyperplasia TGLS = 5-10]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Moderate
[Angiectasis TGLS = 1-5]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 2-8]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 2-5]			
* Kidney		Cyst	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 1-9]			
* Liver		Fatty Change	Mild
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9902820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Necrosis	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Mild
Note: One adrenal was missing at trim.			
* Bone Marrow		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization Nephropathy Inflammation	Minimal Lymphocyte, Minimal Minimal Minimal Minimal
* Liver			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia Inflammation	Mild Mild
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 701

DOSE: .312%

DISP: Natural Death

HISTO: 9902823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

AUTO PRECLUDES DIAG.

* Nose

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Epididymis		Histiocytic Sarcoma	
* Esophagus		Hyperkeratosis	Minimal
* Intestine Large, Rectum		Edema	Moderate
* Intestine Small, Jejunum		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-4+5]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Lumbar	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-9]			
[Histiocytic Sarcoma TGLS = 7-10]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 8-5]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103	TRT#: 5 DOSE: .312%	SEX: Male DISP: Natural Death	DAY ON TEST: 701 HISTO: 9902823
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ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland [Ectasia TGLS = 2-8]	Duct	Ectasia Inflammation	Mild Minimal
* Skin * Spleen [Histiocytic Sarcoma TGLS = 4-4]	Subcut Tiss	Edema Histiocytic Sarcoma	Mild
* Stomach, Forestomach * Thymus		Hyperkeratosis Atrophy	Minimal Moderate

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: There was autolysis in most tissues. It prevented the identification or was the cause of the discoloration seen at necropsy in the ileum and jejunum.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:11
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 104	TRT#: 5 DOSE: .312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9902824
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Kidney		Infiltration Cellular Mineralization Nephropathy	Lymphocyte, Minimal Minimal Minimal
* Liver		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia Inflammation	Mild Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Bone Marrow	Hyperplasia	Minimal
* Kidney	Infiltration Cellular	Lymphocyte, Minimal
	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
	Inflammation	Minimal
	Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 1-9]		
* Nose		
Note: Nose, Olfactory Epithelium- Normal		
* Pancreas	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:11
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 106 TRT#: 5 SEX: Male DAY ON TEST: 731
 DOSE: .312% DISP: Terminal Sacrifice HISTO: 9902826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
		Inflammation	Minimal
	[Hepatocellular Carcinoma TGLS = 1-9]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Nasolacrim Dct	Foreign Body	
		Foreign Body	
	Nasolacrim Dct	Inflammation	Mild
		Inflammation	Minimal
	Note: Nose, Olfactory Epithelium- Normal		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 644

DOSE: .312%

DISP: Natural Death

HISTO: 9902828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Mild
* Liver		Necrosis	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 4-10]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
	[Ectasia TGLS = 3-8]		
* Salivary Glands		Inflammation	Minimal
* Skin		Hemangiosarcoma	
	[Hemangiosarcoma TGLS = 1-9]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-4]		

PRIMARY CAUSE OF DEATH - Skin Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 644

DOSE: .312%

DISP: Natural Death

HISTO: 9902828

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 594

DOSE: .312%

DISP: Natural Death

HISTO: 9902829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Nose

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Esophagus		Hyperkeratosis	Minimal
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Mild
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-2]			
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Minimal
Skeletal Muscle		Inflammation	Moderate
Note: Inflammation is in the cervical musculature and was confused at necropsy with an enlarged thyroid gland.			
[Inflammation TGLS = 1-3]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Skeletal Muscle Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Minimal
* Kidney		Infiltration Cellular Mineralization Nephropathy	Lymphocyte, Minimal Minimal Minimal
* Liver		Eosinophilic Focus Hepatocellular Adenoma Inflammation Mixed Cell Focus	 Minimal
[Hepatocellular Adenoma TGLS = 1-9]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma Hyperplasia	 Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 5
DOSE: .312%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9902831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Minimal
[Hepatocellular Adenoma TGLS = 2-9]			
Lymph Node	Renal	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 3-10]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112 TRT#: 5 SEX: Male DAY ON TEST: 731
DOSE: .312% DISP: Terminal Sacrifice HISTO: 9902832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Minimal
	[Hepatocellular Carcinoma TGLS = 1-9]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Pancreas		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113	TRT#: 5	SEX: Male	DAY ON TEST: 728
	DOSE: .312%	DISP: Terminal Sacrifice	HISTO: 9902833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Minimal
		Necrosis	Minimal
		[Hepatocellular Carcinoma TGLS = 2-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
		[Ectasia TGLS = 1-8]	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
		Adenoma	
Harderian Gland			
[Adenoma TGLS = 1-10]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Minimal
[Ectasia TGLS = 3-8]			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902834

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder		Inflammation	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-9]		
* Nose	Note: Nose, Olfactory Epithelium- Normal		
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Glomerulus	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Minimal
	[Hepatocellular Carcinoma TGLS = 1-9]		
* Nose		Inflammation	Mild
	Note: Nose, Olfactory Epithelium- Normal		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Nasolacrim Dct	Foreign Body	
	Nasolacrim Dct	Inflammation	Minimal
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal

[Ectasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119	TRT#: 5 DOSE: .312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9902839
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Mild
		Pigmentation	Minimal
	[Hepatocellular Carcinoma TGLS = 3-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi, Respirat Epith	Degeneration	Mild
		Foreign Body	
		Inflammation	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Moderate
	[Inflammation TGLS = 1-9]		
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902839

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
Harderian Gland		Adenoma	
		Carcinoma	
		[Adenoma TGLS = 1-9]	
		[Carcinoma TGLS = 1-9]	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Carcinoma	Metastatic (Harderian Gland)
		[Carcinoma TGLS = 3-3]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Pancreas		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
		[Ectasia TGLS = 2-8]	
* Salivary Glands		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902840

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:11
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124	TRT#: 5 DOSE: .312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9902844
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	[Hepatocellular Adenoma TGLS = 2-9]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
	[Ectasia TGLS = 1-8]		
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Testes		Mineralization	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Kidney	Infiltration Cellular	Lymphocyte, Minimal
	Mineralization	Minimal
	Nephropathy	Minimal
* Nose		
Note: Nose, Olfactory Epithelium- Normal		
* Preputial Gland	Inflammation	Minimal
* Salivary Glands	Inflammation	Minimal
* Spleen	Hemangiosarcoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Moderate
[Ectasia TGLS = 1-8]			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 129	TRT#: 5	SEX: Male	DAY ON TEST: 728
	DOSE: .312%	DISP: Terminal Sacrifice	HISTO: 9902849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: trans-Cinnamaldehyde

CAS Number: 14371-10-9

Date Report Requested: 10/18/2014

Time Report Requested: 17:09:11

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-9]		
* Nose	Note: Nose, Olfactory Epithelium- Normal		
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Necrosis	Minimal
		[Clear Cell Focus TGLS = 2-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
		[Ectasia TGLS = 1-8]	
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:11
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132 TRT#: 5 SEX: Male DAY ON TEST: 50
DOSE: .312% DISP: Natural Death HISTO: 9902852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Lymph Node, Mandibular		Atrophy	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial GI			
Note: Only 1 gland examined histologically.			
* Spleen	Lymph Follic	Atrophy	Moderate
* Stomach, Forestomach		Hyperkeratosis	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Intestine Small, Duodenum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 3-5]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
	Portal	Infiltration Cellular	Lymphocyte, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Mild
[Ectasia TGLS = 1-8]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902853

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134	TRT#: 5 DOSE: .312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9902854
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Minimal
	[Hepatocellular Carcinoma TGLS = 2-11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 3,4-9+10]		
* Nose		Inflammation	Mild
	Note: Nose, Olfactory Epithelium- Normal		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Minimal
	[Ectasia TGLS = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-9]		
* Nose		Foreign Body	
		Inflammation	Mild
	Note: Nose, Olfactory Epithelium- Normal		
* Pituitary Gland		Cyst	Mild
* Salivary Glands		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Necrosis	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Testes		Mineralization	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland		Cyst	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Minimal
	[Clear Cell Focus TGLS = 2-9]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
	[Ectasia TGLS = 1-8]		
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141	TRT#: 5 DOSE: .312%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9902861
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 2-8]			
* Salivary Glands		Inflammation	Minimal
* Testes		Mineralization	Minimal
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization Nephropathy	Minimal Lymphocyte, Minimal Minimal Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia Inflammation	Mild Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Spleen		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Minimal
* Kidney		Infiltration Cellular Mineralization Nephropathy	Lymphocyte, Minimal Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst Inflammation	Minimal Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Heart		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	
		[Hepatocellular Adenoma TGLS = 1-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Pancreas		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Mild
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Atrophy	Moderate
		Infarct	Minimal
		Infiltration Cellular	Lymphocyte, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
	[Atrophy TGLS = 1-4]		
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 148

TRT#: 5
 DOSE: .312%

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 9902868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Inflammation	Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
	[Infarct TGLS = 1-4]		
* Liver		Inflammation	Mild
* Lung		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
	[Ectasia TGLS = 2-8]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902868

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9902870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Intestine Large, Colon	Epithelium	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulat GI			
Note: Nose, Olfactory Epithelium- Normal			
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Mild
		Nephropathy	Minimal
[Infarct TGLS = 1-4]			
* Liver		Eosinophilic Focus	
Note: There was no corresponding lesion for the necropsy observation of pale.			
* Nose			
Note: Nose, Olfactory Epithelium - Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-9]			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902872

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153	TRT#: 7	SEX: Male	DAY ON TEST: 652
	DOSE: .625%	DISP: Natural Death	HISTO: 9902873

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Duct	Ectasia Inflammation	Mild Minimal
[Ectasia TGLS = 1-8]			
* Prostate		Lymphoma Malignant	
* Seminal Vesicle		Lymphoma Malignant	
* Skin	Subcut Tiss	Edema	Minimal
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Minimal
[Lymphoma Malignant TGLS = 4,5-4]			
* Stomach, Glandular		Ulcer	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-5]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Testes	Interstit Cell	Adenoma	
		Mineralization	Minimal
	[Adenoma TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Trachea		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Inflammation	Minimal

[Hemangiosarcoma TGLS = 1-9]

* Nose

Note: Nose, Olfactory Epithelium- Normal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 365

DOSE: .625%

DISP: Moribund Sacrifice

HISTO: 9902877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Esophagus		Hyperkeratosis	Minimal
* Heart		Mineralization	Minimal
* Liver	Centrilobular	Degeneration	Mild
* Nose			
Note: Nose, Olfactory Epithelium - Normal			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Mild
Tooth		Malformation	
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Cyst	Minimal
		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Mild
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Moderate
* Nose			
Note: Nose, Olfactory Epithelium - Normal			
Oral Mucosa			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 533

DOSE: .625%

DISP: Natural Death

HISTO: 9902879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Lymph Node, Mesenteric	* Nose	* Spleen	
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain		Hemorrhage	Minimal
	[Hemorrhage TGLS = 3-2]		
* Heart		Cardiomyopathy	Minimal
		Mineralization	Minimal
* Kidney		Mineralization	Minimal
* Lung		Inflammation	Granulomatous, Moderate
		Pigmentation	Hemosiderin, Mild
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
	[Ectasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH

- Lung Inflammation

Animal Note: There was marked autolysis in most tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 561

DOSE: .625%

DISP: Natural Death

HISTO: 9902880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adren Medulla			
Note: Only 1 adrenal gland present.			
* Adrenal Cortex		Fibrosis	Mild
	Subcapsular	Hyperplasia	Minimal
	[Fibrosis TGLS = 6-6]		
* Kidney		Fibrosis	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
	[Fibrosis TGLS = 4-4]		
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas			
Note: The nodules described at necropsy are morphologically normal tissue.			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
	[Ectasia TGLS = 1-8]		
* Skin	Subcut Tiss	Edema	Mild
	[Edema TGLS = 3-10]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160

TRT#: 7
DOSE: .625%

SEX: Male
DISP: Natural Death

DAY ON TEST: 561
HISTO: 9902880

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Lymphoma Malignant	
* Stomach, Forestomach	Hyperkeratosis	Minimal
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 498

DOSE: .625%

DISP: Natural Death

HISTO: 9902881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Esophagus		Hyperkeratosis	Minimal
* Heart		Inflammation	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
	Artery	Inflammation	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Minimal
		[Hepatocellular Adenoma TGLS = 2-9]	
		[Hepatocellular Carcinoma TGLS = 3-10]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
		[Ectasia TGLS = 1-8]	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 533

DOSE: .625%

DISP: Natural Death

HISTO: 9902882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Gallbladder	* 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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex Note: Only 1 gland present.	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Inflammation	Moderate
* Esophagus		Hyperkeratosis	Mild
* Nose Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal
* Stomach, Forestomach		Hyperkeratosis	Mild

PRIMARY CAUSE OF DEATH - Blood Vessel Aorta Inflammation

Animal Note: Most tissues had extensive autolysis.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163	TRT#: 7 DOSE: .625%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9902883
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Cyst	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Mild
* Lung		Inflammation	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Bone Marrow	Hyperplasia	Minimal
* Epididymis	Inflammation	Mild
* Kidney	Cyst	Minimal
	Infiltration Cellular	Lymphocyte, Minimal
	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Inflammation	Minimal
* Lymph Node, Mesenteric	Angiectasis	Moderate
* Nose		
Note: Nose, Olfactory Epithelium- Normal		
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[Hepatocellular Carcinoma TGLS = 1-9]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization Nephropathy	Minimal Lymphocyte, Minimal Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation Mixed Cell Focus Necrosis	Lymphocyte, Minimal Minimal Mild
[Necrosis TGLS = 2-4]			
* Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia Inflammation	Mild Mild
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902887

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal

[Ectasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Mineralization	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal

[Ectasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 171 TRT#: 7 SEX: Male DAY ON TEST: 728
 DOSE: .625% DISP: Terminal Sacrifice HISTO: 9902891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		[Hepatocellular Adenoma TGLS = 1-4]	
* Nose			
		Note: Nose, Olfactory Epithelium - Normal	
		Oral Mucosa	
		Note: Nose, Olfactory Epithelium- Normal	
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 588

DOSE: .625%

DISP: Natural Death

HISTO: 9902892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Esophagus		Hyperkeratosis	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 1-9]	
		[Hepatocellular Carcinoma TGLS = 2-4]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Salivary Glands		Mineralization	Minimal
* Spleen	Lymph Follic	Atrophy	Minimal
* Stomach, Forestomach		Hyperkeratosis	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Most tissues had extensive autolysis.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 702

DOSE: .625%

DISP: Natural Death

HISTO: 9902893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
* Liver		Necrosis	Minimal
Lymph Node	Mediastinal	Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
Mesentery		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
		[Squamous Cell Carcinoma TGLS = 4-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Pancreas		Inflammation	Mild
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
		[Ectasia TGLS = 1-8]	
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Carcinoma	
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 702

DOSE: .625%

DISP: Natural Death

HISTO: 9902893

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 2-4]

PRIMARY CAUSE OF DEATH

- Stomach, Forestomach Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Necrosis	Mild
	[Necrosis TGLS = 1-9]		
* Nose	Olfactory Epi	Pigmentation	Minimal
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Atrophy	Minimal
		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
Coagulating Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Minimal
[Hepatocellular Carcinoma TGLS = 1-9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 652

DOSE: .625%

DISP: Moribund Sacrifice

HISTO: 9902897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Histiocytic Sarcoma	
* Epididymis		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-7]			
* Heart		Histiocytic Sarcoma	
		Mineralization	Mild
* Kidney		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 10,11-4+11]			
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7,8,9-4+5+10+11]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Histiocytic Sarcoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 12-10]			
Lymph Node	Mediastinal	Histiocytic Sarcoma	
* Lymph Node, Mandibular		Atrophy	Moderate
* Lymph Node, Mesenteric		Atrophy	Moderate
* Nose		Histiocytic Sarcoma	
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Histiocytic Sarcoma	
* Skin		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 652

DOSE: .625%

DISP: Moribund Sacrifice

HISTO: 9902897

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 1,2-9]

* Spleen

Histiocytic Sarcoma

[Histiocytic Sarcoma TGLS = 6-4]

* Testes

Histiocytic Sarcoma

[Histiocytic Sarcoma TGLS = 4,5-7]

PRIMARY CAUSE OF DEATH

- Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Inflammation	Mild Minimal Minimal
* Gallbladder		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Mineralization Nephropathy	Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Lung		Metaplasia	Osseous, Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia Inflammation	Mild Mild
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Mild
* Kidney		Infiltration Cellular Mineralization Nephropathy	Lymphocyte, Minimal Minimal Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
* Liver		Inflammation	Minimal
* Nose	Nasolacrim Dct	Foreign Body	
	Nasolacrim Dct	Inflammation	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181	TRT#: 7 DOSE: .625%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: 9902901
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Mild
* Kidney		Infarct Infiltration Cellular Mineralization Nephropathy	Moderate Lymphocyte, Mild Minimal Minimal
[Infarct TGLS = 1-4]			
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
	Portal	Infiltration Cellular	Lymphocyte, Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization Nephropathy	Minimal Lymphocyte, Minimal Minimal Minimal
Note: The cyst seen at necropsy was not confirmed histologically.			
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Hyperplasia Inflammation	Squamous, Mild Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Inflammation	Minimal
* Lymph Node, Mesenteric		Inflammation	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-10]			
* Intestine Small, Jejunum		Diverticulum	
[Diverticulum TGLS = 1-9]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902906

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: .625%	DISP: Terminal Sacrifice	HISTO: 9902907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Intestine Small, Jejunum		Atrophy	Moderate
* Kidney		Infiltration Cellular Mineralization Nephropathy	Lymphocyte, Minimal Minimal Minimal
* Liver		Eosinophilic Focus Fatty Change Inflammation Inflammation	 Minimal Minimal Minimal
* Lung			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia Inflammation	Moderate Minimal
[Ectasia TGLS = 1-8]			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Minimal
		[Hepatocellular Adenoma TGLS = 2-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Pancreas		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
		[Ectasia TGLS = 1-8]	
* Salivary Glands		Inflammation	Minimal
* Testes		Mineralization	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902909

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Bone Marrow	Hyperplasia	Minimal
* Kidney	Infiltration Cellular	Lymphocyte, Minimal
	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Inflammation	Minimal
* Nose		
Note: Nose, Olfactory Epithelium- Normal		
* Preputial Gland	Inflammation	Minimal
* Salivary Glands	Inflammation	Minimal
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Testes		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 699

DOSE: .625%

DISP: Natural Death

HISTO: 9902913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Lymph Node, Mesenteric	* Mammary Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Stomach, Forestomach

OBSERVATIONS

* Bone Marrow	Necrosis	Mild
* Heart	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mineralization	Minimal
* Kidney	Mineralization	Minimal
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 2-10]		
* Nose		
Note: Nose, Olfactory Epithelium- Normal		
* Skin	Inflammation	Marked
Note: All that could be positively identified in the tail was severe inflammation.		
[Inflammation TGLS = 1-9]		
* Spleen	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Mineralization	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Heart
* 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, Mandibular
* Parathyroid Gland
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pituitary Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Nose

Subcapsular

Hyperplasia
Hypertrophy
Mineralization

Minimal
Minimal
Minimal

Note: Nose, Olfactory Epithelium- Normal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Artery	Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
* Nose			

Note: Nose, Olfactory Epithelium- Normal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199	TRT#: 7	SEX: Male	DAY ON TEST: 728
	DOSE: .625%	DISP: Terminal Sacrifice	HISTO: 9902919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
Coagulat GI			
Note: Nose, Olfactory Epithelium- Normal			
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium - Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9902920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lymph Node, Mesenteric		Atrophy	Moderate
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
		Mineralization	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201

TRT#: 9

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-9]			
* Kidney		Cytoplasmic Alteration	Mild
		Lymphoma Malignant	
		Metaplasia	Osseous, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-10]			
[Lymphoma Malignant TGLS = 2-12]			
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-11]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201	TRT#: 9 DOSE: 1.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9902921
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant TGLS = 1-4]	Hematopoietic Cell Proliferation Lymphoma Malignant	Minimal
* Stomach, Glandular	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202

TRT#: 9

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
* Liver		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Olfactory Epi	Pigmentation	Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 203

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Minimal
	[Hepatocellular Adenoma TGLS = 1-9]		
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: trans-Cinnamaldehyde

CAS Number: 14371-10-9

Date Report Requested: 10/18/2014

Time Report Requested: 17:09:12

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 205

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis			
Note: There are degenerative germ cells within tubules.			
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-9]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Minimal
		Hemorrhage	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Marked
[Inflammation TGLS = 2-8]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206

TRT#: 9

SEX: Male

DAY ON TEST: 728

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
		[Hepatocellular Carcinoma TGLS = 2-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Preputial Gland	Duct	Ectasia	Mild
		[Ectasia TGLS = 1-8]	
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208

TRT#: 9

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Necrosis	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Mild
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 209

TRT#: 9

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Small, Duodenum	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-9]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-10]		
* Nose		
Note: Nose, Olfactory Epithelium- Normal		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 211 TRT#: 9 SEX: Male DAY ON TEST: 729
 DOSE: 1.25% DISP: Terminal Sacrifice HISTO: 9902931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Mild
		Mitotic Alteration	Mild
		Pigmentation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-10]			
* Nose	Olfactory Epi	Pigmentation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 212

TRT#: 9

SEX: Male

DAY ON TEST: 728

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Inflammation	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
		Mineralization	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-9]		
* Nose	Olfactory Epi	Pigmentation	Minimal
* Preputial Gland		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 213	TRT#: 9 DOSE: 1.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9902933
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-4+5]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 213

TRT#: 9
DOSE: 1.25%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 9902933

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Lymphoma Malignant	
* Spleen	Hemorrhage	Moderate
	Lymphoma Malignant	
[Hemorrhage TGLS = 3-4]		
[Lymphoma Malignant TGLS = 2-4]		
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 7-10]		
* Stomach, Glandular	Lymphoma Malignant	
* Thymus	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 9

SEX: Male

DAY ON TEST: 728

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Kidney	Infiltration Cellular	Lymphocyte, Minimal
	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Vacuolization Cytoplasmic	Moderate
* Nose		
Note: Nose, Olfactory Epithelium- Normal		
* Preputial Gland	Inflammation	Minimal
* Salivary Glands	Inflammation	Minimal
* Urinary Bladder	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 215

TRT#: 9

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland			

Note: Only 1 thyroid gland present.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 216

TRT#: 9

SEX: Male

DAY ON TEST: 728

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney		Cyst	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Inflammation	Minimal
	[Hepatocellular Adenoma TGLS = 2-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-9]		
* Nose	Olfactory Epi	Pigmentation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 216

TRT#: 9

SEX: Male

DAY ON TEST: 728

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902936

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Mild
* Bone [Fibrosarcoma TGLS = 1-9]	Rib	Fibrosarcoma	
* Kidney		Infiltration Cellular Mineralization Nephropathy	Lymphocyte, Minimal Mild Minimal
* Nose Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Mild

[Ectasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 219

TRT#: 9

SEX: Male

DAY ON TEST: 728

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Artery	Inflammation	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	[Hepatocellular Adenoma TGLS = 1-9]		
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 220	TRT#: 9	SEX: Male	DAY ON TEST: 729
	DOSE: 1.25%	DISP: Terminal Sacrifice	HISTO: 9902940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 221	TRT#: 9 DOSE: 1.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9902941
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Minimal Minimal
* Kidney		Infiltration Cellular Mineralization Nephropathy	Lymphocyte, Minimal Minimal Minimal
* Nose	Nasolacrim Dct	Inflammation	Mild
Note: Nose, Olfactory Epithelium- Normal			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 222

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 223

TRT#: 9

SEX: Male

DAY ON TEST: 728

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Cyst	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 2-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
		[Ectasia TGLS = 1-8]	
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 224

TRT#: 9

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 225	TRT#: 9	SEX: Male	DAY ON TEST: 728
	DOSE: 1.25%	DISP: Terminal Sacrifice	HISTO: 9902945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 226

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Cyst	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLS = 1-4]		
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Minimal
Tooth		Malformation	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 227

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Gallbladder		Inflammation	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-9]		
* Nose	Note: Nose, Olfactory Epithelium- Normal		
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Mineralization	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose		Inflammation	Minimal
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 229

TRT#: 9

SEX: Male

DAY ON TEST: 728

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Artery	Inflammation	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose		Inflammation	Minimal
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 230

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 231

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose	Nasolacrim Dct	Inflammation	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Preputial Gland		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 232

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 233	TRT#: 9 DOSE: 1.25%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 596 HISTO: 9902953
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain	Cerebellum	Necrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Moderate
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-9]		
* Lymph Node, Mandibular		Pigmentation	Hemosiderin, Mild
* Nose		Foreign Body	
	Note: Nose, Olfactory Epithelium- Normal		
* Preputial Gland	Duct	Ectasia	Mild
	[Ectasia TGLS = 1-8]		
* Spleen	Lymph Follic	Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 234

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
	[Ectasia TGLS = 1-8]		
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 235

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-9]			
* Nose	Olfactory Epi	Pigmentation	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 2-8]			
* Testes		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 236

TRT#: 9

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain		Infiltration Cellular	Lymphocyte, Minimal
* Intestine Large, Cecum	Lymphoid Tiss	Hyperplasia	Mild
	[Hyperplasia TGLS = 2-4]		
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLS = 1-9]		
* Nose	Olfactory Epi	Pigmentation	Minimal
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 237

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Epididymis		Mineralization	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
		Inflammation	Minimal
* Nose		Foreign Body	
		Inflammation	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Mild

[Ectasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 238

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Mild
* Kidney		Infiltration Cellular Mineralization	Lymphocyte, Minimal Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose			

Note: Nose, Olfactory Epithelium- Normal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902959

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 240

TRT#: 9

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 2-8]			
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Minimal
		[Hepatocellular Adenoma TGLS = 1-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Pancreas		Inflammation	Minimal
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 243

TRT#: 9

SEX: Male

DAY ON TEST: 728

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Gallbladder		Inflammation	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Preputial Gland		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 244

TRT#: 9

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	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, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization Nephropathy	Minimal Lymphocyte, Minimal Minimal Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
* Nose	Olfactory Epi	Pigmentation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 245	TRT#: 9 DOSE: 1.25%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9902965
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLS = 2-4]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-9]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
	[Ectasia TGLS = 1-8]		
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
Tooth		Malformation	
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 245

TRT#: 9

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902965

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 246 TRT#: 9 SEX: Male DAY ON TEST: 730
 DOSE: 1.25% DISP: Terminal Sacrifice HISTO: 9902966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
		Inflammation	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 247

TRT#: 9

SEX: Male

DAY ON TEST: 731

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 248

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902968

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose	Nasolacrim Dct	Inflammation	Minimal
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Minimal
[Ectasia TGLS = 1-8]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 249

TRT#: 9

SEX: Male

DAY ON TEST: 728

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902969

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 250

TRT#: 9

SEX: Male

DAY ON TEST: 728

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9902970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Preputial Gland		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 251	TRT#: 2	SEX: Female	DAY ON TEST: 734
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infarct	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation	Lymphocyte, Minimal Lymphocyte, Minimal Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Hyperplasia	Minimal
* Salivary Glands		Inflammation	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252

TRT#: 2

SEX: Female

DAY ON TEST: 638

DOSE: UNTREATDCONTROL

DISP: Natural Death

HISTO: 9902972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Gallbladder	* 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	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Spleen

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Esophagus		Hyperkeratosis	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Skin		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

- Skin Squamous Cell Carcinoma

Animal Note: There is extensive autolysis in most tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253	TRT#: 2 DOSE: UNTREATDCONTROL	SEX: Female DISP: Natural Death	DAY ON TEST: 734 HISTO: 9902973
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Myelofibrosis	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Lymph Node, Mandibular		Atrophy	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperkeratosis	Minimal
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-9]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Moderate
* Bone		Myelofibrosis	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation	Lymphocyte, Mild Lymphocyte, Minimal Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		[Alveolar/Bronchiolar Carcinoma TGLS = 2-9]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		[Hyperplasia TGLS = 1-7]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255	TRT#: 2	SEX: Female	DAY ON TEST: 733
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4+5]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-10]			
[Lymphoma Malignant TGLS = 3-12]			
[Lymphoma Malignant TGLS = 6-11]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Hemangioma	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland		Cyst	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-9]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-10]			
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 256

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Nephropathy	Minimal Lymphocyte, Minimal Minimal
* Liver	Portal	Fatty Change Infiltration Cellular Inflammation	Minimal Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Moderate
* Bone		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-9]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 2-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular Mineralization	Lymphocyte, Minimal Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1,2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 259

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 260 TRT#: 2 SEX: Female DAY ON TEST: 733
 DOSE: UNTREATDCONTROL DISP: Terminal Sacrifice HISTO: 9902980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
		Inflammation	Minimal
		Lymphoma Malignant	
	[Hepatocellular Adenoma TGLS = 1-9]		
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 261	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Nephropathy	Minimal Lymphocyte, Minimal Minimal
* Liver		Atrophy Inflammation Necrosis	Moderate Minimal Minimal
[Atrophy TGLS = 1-9]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 263

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Minimal
* Bone		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Fatty Change	Minimal
	Portal	Infiltration Cellular Inflammation Inflammation	Lymphocyte, Minimal Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-6]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-4]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 265	TRT#: 2	SEX: Female	DAY ON TEST: 734
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Suppurative, Moderate
* Liver		Hepatocellular Adenoma	
		Inflammation	Minimal
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-9]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 266	TRT#: 2	SEX: Female	DAY ON TEST: 520
	DOSE: UNTREATDCONTROL	DISP: Natural Death	HISTO: 9902986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* 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	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
Blood Vessel	Aorta	Inflammation	Moderate
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Inflammation	Mild
		Mineralization	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Mild
		Necrosis	Mild
* Liver			
Note: Pale discoloration seen at necropsy corresponds to autolysis.			
* Lymph Node, Mandibular		Atrophy Hemorrhage	Mild Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Skin	Subcut Tiss	Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy Inflammation	Moderate Mild

PRIMARY CAUSE OF DEATH - Blood Vessel Aorta Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 267

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Minimal
* Liver		Basophilic Focus Clear Cell Focus Inflammation	 Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1,2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 268	TRT#: 2	SEX: Female	DAY ON TEST: 736
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hematopoietic Cell Proliferation Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Mild Minimal Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
Ear			
Note: Nose, Olfactory Epithelium- Normal			
* Intestine Small, Ileum		Hyperplasia Inflammation	Mild Minimal
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-9]			
* Kidney		Lymphoma Malignant	
* Liver		Hematopoietic Cell Proliferation Lymphoma Malignant	Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal Lumbar Mediastinal	Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-10]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 268

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902988

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose

Note: Nose, Olfactory Epithelium - Normal

* Ovary

Lymphoma Malignant

* Pancreas

Inflammation

Minimal

* Pituitary Gland

Pars Distalis

Hyperplasia

Minimal

* Salivary Glands

Inflammation

Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

[Lymphoma Malignant TGLS = 1-4]

Lymphoma Malignant

* Thymus

Lymphoma Malignant

[Lymphoma Malignant TGLS = 5-6]

* Urinary Bladder

Lymphoma Malignant

* Uterus

Endometrium

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:12
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 269 TRT#: 2 SEX: Female DAY ON TEST: 733
 DOSE: UNTREATDCONTROL DISP: Terminal Sacrifice HISTO: 9902989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Brain	Meninges	Inflammation	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst Inflammation	Minimal Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 270

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Pigmentation Vacuolization Cytoplasmic	Mild Minimal Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Fatty Change	Minimal
	Portal	Infiltration Cellular Inflammation	Lymphocyte, Mild Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272

TRT#: 2

SEX: Female

DAY ON TEST: 652

DOSE: UNTREATDCONTROL

DISP: Moribund Sacrifice

HISTO: 9902992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Hydronephrosis	Mild
[Hydronephrosis TGLS = 8-4]			
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Mild
* Lung		Metaplasia	Osseous, Minimal
[Rhabdomyosarcoma TGLS = 4-13]		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
Lymph Node	Pancreatic	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
[Rhabdomyosarcoma TGLS = 6-11]			
* Mammary Gland		Hyperplasia	Mild
Mesentery		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
[Rhabdomyosarcoma TGLS = 7-12]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
Pleura		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
[Rhabdomyosarcoma TGLS = 5-9]			
* Salivary Glands		Inflammation	Minimal
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 3-10]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272	TRT#: 2	SEX: Female	DAY ON TEST: 652
	DOSE: UNTREATDCONTROL	DISP: Moribund Sacrifice	HISTO: 9902992

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-4]

* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH	- Skeletal Muscle Rhabdomyosarcoma
-------------------------------	------------------------------------

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273

TRT#: 2

SEX: Female

DAY ON TEST: 675

DOSE: UNTREATDCONTROL

DISP: Natural Death

HISTO: 9902993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Intestine Small, Jejunum		Ulcer	Marked
[Ulcer TGLS = 6-9]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
Lymph Node	Renal	Ectasia	Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Ectasia TGLS = 4-10]			
[Infiltration Cellular TGLS = 5-11]			
* Lymph Node, Mesenteric		Ectasia	Marked
[Ectasia TGLS = 3-12]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cystadenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273

TRT#: 2

SEX: Female

DAY ON TEST: 675

DOSE: UNTREATDCONTROL

DISP: Natural Death

HISTO: 9902993

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- Intestine Small, Jejunum Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274	TRT#: 2	SEX: Female	DAY ON TEST: 733
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9902994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Fatty Change Infiltration Cellular Inflammation	Minimal Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization Nephropathy	Minimal Lymphocyte, Minimal Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Mild Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Luteoma	
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Lymphoma Malignant	Minimal
* Liver		Inflammation Lymphoma Malignant	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 277

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Lung		Inflammation	Granulomatous, Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-9]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy	Mild Mild
* Clitoral GI			
Note: Only 1 gland examined, tissue not present for recut.			
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-5]			
* Liver		Eosinophilic Focus Lymphoma Malignant Necrosis	Mild
[Eosinophilic Focus TGLS = 4-5]			
[Necrosis TGLS = 5-10]			
Lymph Node	Mediastinal Pancreatic	Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant	
* Lymph Node, Mandibular			
[Lymphoma Malignant TGLS = 6-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Cyst	Moderate
[Cyst TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902998

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant TGLS = 2-10]	Lymphoma Malignant	
* Urinary Bladder	Inflammation	Minimal
* Uterus [Hydrometra TGLS = 1-7]	Hydrometra Inflammation	Marked Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 279

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9902999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Bone Marrow		Infiltration Cellular	Lymphocyte, Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Lymphoma Malignant	
Harderian Gland		Adenoma	
		Inflammation	Minimal
[Adenoma TGLS = 1-9]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Dilatation	Minimal
		Lymphoma Malignant	
* Liver		Fatty Change	Minimal
		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Lymphoma Malignant	
		Mineralization	Minimal
Oviduct		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:12
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280	TRT#: 2	SEX: Female	DAY ON TEST: 735
	DOSE: UNTREATDCONTROL	DISP: Terminal Sacrifice	HISTO: 9903000

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281

TRT#: 2

SEX: Female

DAY ON TEST: 429

DOSE: UNTREATDCONTROL

DISP: Natural Death

HISTO: 9903001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thymus	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
[Osteosarcoma TGLS = 1-9]		Osteosarcoma	Metastatic (Uncertain Primary Site)
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperkeratosis	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Lung Osteosarcoma Uncertain Primary Site

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 282

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	[Eosinophilic Focus TGLS = 1-5]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-9]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Angiectasis	Minimal
* Pancreas		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
Lymph Node			
Note: The mediastinal nodes were described as enlarged at necropsy, but were not examined histologically. Normal thymus was on the slide and none were in wet tissue.			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 1-9]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Thymus
---------------------	----------

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Brain	Meninges	Inflammation	Minimal
* Clitoral Gland		Inflammation	Minimal
Harderian Gland		Carcinoma Inflammation	Minimal
[Carcinoma TGLS = 1-9]			
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation Necrosis	Lymphocyte, Minimal Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Minimal
* Pancreas		Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903004

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 285

TRT#: 2

SEX: Female

DAY ON TEST: 627

DOSE: UNTREATDCONTROL

DISP: Natural Death

HISTO: 9903005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Gallbladder
* 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
* Stomach, Glandular			

MISSING

* Brain	* Heart	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Thymus
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

* Spleen

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
Note: Only 1 gland present.			
* Esophagus		Hyperkeratosis	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Ovary			
Note: Only 1 gland present.			
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-9]			
* Stomach, Forestomach		Hyperkeratosis	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 285

TRT#: 2

SEX: Female

DAY ON TEST: 627

DOSE: UNTREATDCONTROL

DISP: Natural Death

HISTO: 9903005

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: There was extensive autolysis and cannibalization of many tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation Mixed Cell Focus	Lymphocyte, Minimal Minimal
	[Mixed Cell Focus TGLS = 3-9]		
* Nose	Note: Nose, Olfactory Epithelium- Normal		
* Ovary	Note: Only 1 ovary present. [Cyst TGLS = 1-7]	Cyst	Moderate
* Pancreas		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLS = 2-7]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903006

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Lymphoma Malignant	Minimal
	[Lymphoma Malignant TGLS = 2-10]		
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-9]		
* Lung		Lymphoma Malignant	
Mesentery		Fibrosarcoma	
	[Fibrosarcoma TGLS = 4-9]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-4]		
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903007

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 288

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation Pigmentation	Lymphocyte, Minimal Lymphocyte, Mild Mild Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 289 TRT#: 2 SEX: Female DAY ON TEST: 652
 DOSE: UNTREATDCONTROL DISP: Moribund Sacrifice HISTO: 9903009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Nephropathy	Minimal Lymphocyte, Minimal Minimal
* Liver		Inflammation	Minimal
* Nose	Nasolacrim Dct	Foreign Body Inflammation Inflammation	Minimal Minimal
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Ulcer	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 289

TRT#: 2

SEX: Female

DAY ON TEST: 652

DOSE: UNTREATDCONTROL

DISP: Moribund Sacrifice

HISTO: 9903009

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 290

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Nephropathy	Minimal Lymphocyte, Minimal Minimal
* Liver	Portal	Hepatocellular Adenoma Hepatocellular Carcinoma Infiltration Cellular Inflammation Necrosis	Lymphocyte, Minimal Minimal Minimal
		[Hepatocellular Adenoma TGLS = 3-4]	
		[Hepatocellular Carcinoma TGLS = 1-9]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Nasolacrim Dct	Inflammation	Minimal
		Note: Nose, Olfactory Epithelium-Normal	
* Ovary		Cyst	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		[Hematopoietic Cell Proliferation TGLS = 2-4]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 290

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903010

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 291

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Inflammation	Minimal Lymphocyte, Minimal Minimal
* Liver			
* Nose	Note: Nose, Olfactory Epithelium- Normal		
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 292

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cystadenoma	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 293	TRT#: 2 DOSE: UNTREATDCONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 9903013
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Cyst	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation	Lymphocyte, Minimal Lymphocyte, Mild Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-6]			
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 294

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland		Angiectasis	Mild
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Mild Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-9]			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-4]			
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 296

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pancreas		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-4]	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 297

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Lymphocyte, Mild
Mesentery		Hemangioma	
[Hemangioma TGLS = 1-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Spleen		Hyperplasia	Lymphoid, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 298

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Moderate
* Bone		Myelofibrosis	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Minimal
* Liver	Portal	Eosinophilic Focus Hepatocellular Adenoma Infiltration Cellular Inflammation Necrosis	Lymphocyte, Minimal Minimal Minimal
		[Eosinophilic Focus TGLS = 2-9]	
		[Hepatocellular Adenoma TGLS = 2-9]	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-4]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 298

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903018

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Mild
* Spleen		Lymphoma Malignant	
* Stomach, Glandular		Mineralization	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 300

TRT#: 2

SEX: Female

DAY ON TEST: 736

DOSE: UNTREATDCONTROL

DISP: Terminal Sacrifice

HISTO: 9903020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone Marrow		Mast Cell Tumor Malignant	
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation Mast Cell Tumor Malignant	Lymphocyte, Minimal Minimal
* Lymph Node, Mandibular			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-6]			
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver		Fatty Change	Minimal
	Portal	Infiltration Cellular Inflammation Necrosis	Lymphocyte, Minimal Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation	Lymphocyte, Minimal Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Mild
* Spleen	Lymph Follic	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 303 TRT#: 4 SEX: Female DAY ON TEST: 734
 DOSE: VEHICLE CONTROL DISP: Terminal Sacrifice HISTO: 9903023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 304	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9903024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney		Lymphoma Malignant	
* Liver	Portal	Hematopoietic Cell Proliferation Infiltration Cellular Inflammation	Minimal Lymphocyte, Minimal Minimal
* Lung	Inguinal	Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-9]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst Lymphoma Malignant	Marked
[Cyst TGLS = 1-7]			
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 305	TRT#: 4 DOSE: VEHICLE CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 9903025
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ORGAN AND ACCOUNTABLE SITE STATUS			
* Salivary Glands		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Myelofibrosis	Minimal
* Intestine Small, Duodenum		Necrosis	Minimal
		Regeneration	Minimal
* Intestine Small, Ileum		Necrosis	Minimal
* Intestine Small, Jejunum	Epithelium	Atrophy	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Ulcer	Moderate

[Hyperplasia TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 456

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 9903027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Esophagus		Hyperkeratosis	Mild
* Heart		Histiocytic Sarcoma	
		Mineralization	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Fatty Change	Moderate
		Histiocytic Sarcoma	
* Lung		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 1-3]		
* Nose			
	Note: Nose, Olfactory Epithelium- Normal		
* Stomach, Forestomach		Hyperkeratosis	Minimal
* Thymus		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH - Lung Histiocytic Sarcoma

Animal Note: There is extensive autolysis in most tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland	Pars Distalis	Adenoma	
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Mild Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 310	TRT#: 4 DOSE: VEHICLE CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 9903030
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Marked
[Cyst TGLS = 1-7]			
* Pancreas		Inflammation	Minimal
* Parathyroid Gland			
Note: There is ectopic parathyroid gland associated with the thymus.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Mild Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Myelofibrosis	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Minimal
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 2-5]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-6]			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Moderate
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infarct	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation	Lymphocyte, Minimal Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Multiple, Mild
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 314 TRT#: 4 SEX: Female DAY ON TEST: 733
 DOSE: VEHICLE CONTROL DISP: Terminal Sacrifice HISTO: 9903034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Pigmentation Vacuolization Cytoplasmic	Mild Minimal Minimal Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 316

TRT#: 4

SEX: Female

DAY ON TEST: 693

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 9903036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Liver

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Mild
* Uterus		Leiomyosarcoma	

[Leiomyosarcoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH

- Uterus Leiomyosarcoma

Animal Note: There was extensive autolysis in most tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
Note: Only 1 gland present.			
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Nephropathy	Minimal Lymphocyte, Minimal Minimal
* Liver	Portal	Hepatocellular Carcinoma Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
[Hepatocellular Carcinoma TGLS = 2-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Skin	Subcut Tiss	Hemangioma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 318	TRT#: 4 DOSE: VEHICLE CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 9903038
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-9]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
		Mineralization	Minimal
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 319	TRT#: 4 DOSE: VEHICLE CONTROL	SEX: Female DISP: Natural Death	DAY ON TEST: 609 HISTO: 9903039
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Bone		Myelofibrosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Metaplasia	Osseous, Mild
* Liver		Inflammation	Mild
		Pigmentation	Minimal
* Lung		Carcinoma	Metastatic (Uncertain Primary Site)
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-9]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Thymus		Atrophy	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 614

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 9903040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-9]			
* Kidney		Hydronephrosis	Minimal
		Mineralization	Minimal
* Lung		Carcinoma	Metastatic (Clitoral Gland)
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Clitoral Gland)
[Carcinoma TGLS = 2-10]			
Mesentery		Inflammation	Moderate
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Luteoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Inflammation	Mild

PRIMARY CAUSE OF DEATH - Clitoral Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 698

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 9903041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Moderate
* Bone		Myelofibrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
* Lung		Inflammation	Minimal
[Inflammation TGLS = 5-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Mild
		Hemangiosarcoma	
[Cyst TGLS = 4-10]			
[Hemangiosarcoma TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-6]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 561111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 321	TRT#: 4	SEX: Female	DAY ON TEST: 698
	DOSE: VEHICLE CONTROL	DISP: Natural Death	HISTO: 9903041

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-4]

* Thyroid Gland		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Ovary Hemangiosarcoma
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Pigmentation Vacuolization Cytoplasmic	Mild Minimal Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver	Portal	Clear Cell Focus Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose		Inflammation	Mild
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 323

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 9903043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Clitoral Gland	* Pituitary Gland
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AUTO PRECLUDES DIAG.

* Spleen

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Minimal
* Heart		Lymphoma Malignant	
* Kidney	Renal Tubule	Dilatation	Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Mild
* Skin	Subcut Tiss	Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

Animal Note: There was extensive autolysis in most tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Gallbladder		Inflammation	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst Inflammation	Mild Minimal
* Uterus	Endometrium	Hemangioma Hyperplasia	Cystic, Minimal
[Hemangioma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 325

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Bone		Myelofibrosis	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Dilatation Nephropathy	Minimal Minimal
* Liver		Hematopoietic Cell Proliferation Inflammation Pigmentation	Mild Minimal Mild
Lymph Node	Lumbar Renal	Lymphoma Malignant Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-11]		
	[Lymphoma Malignant TGLS = 3-10]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-9]		
* Nose			
Note: Nose, Olfactory Epithelium-	Normal		
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 325	TRT#: 4	SEX: Female	DAY ON TEST: 734
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9903045

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-4]		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 326

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Pigmentation Vacuolization Cytoplasmic	Mild Minimal Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 570

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: 9903048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone	Vertebra	Osteosarcoma	
[Osteosarcoma TGLS = 1-9]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
* Liver		Inflammation	Minimal
* Lung		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 2-3]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

- Bone Vertebra Osteosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 329

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Cyst Inflammation	Minimal Minimal
[Cyst TGLS = 2-8]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Hepatocellular Adenoma Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
[Hepatocellular Adenoma TGLS = 4-5]			
* Nose	Olfactory Epi Nasolacrim Dct	Degeneration Inflammation	Hyaline, Minimal Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 5-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 330

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation	Lymphocyte, Minimal Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Mild
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 331	TRT#: 4 DOSE: VEHICLE CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 9903051
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone		Myelofibrosis	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Mineralization	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 332

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 333

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone		Myelofibrosis	Minimal
* Brain	Meninges	Infiltration Cellular	Lymphocyte, Minimal
* Clitoral Gland			
Note: Only 1 gland present.			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization Nephropathy	Minimal Lymphocyte, Mild Minimal Minimal
* Liver	Portal	Clear Cell Focus Hepatocellular Adenoma Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
[Hepatocellular Adenoma TGLS = 2-10]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
Oviduct		Inflammation	Mild
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 333	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: VEHICLE CONTROL	DISP: Terminal Sacrifice	HISTO: 9903053

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin [Histiocytic Sarcoma TGLS = 1-9]	Subcut Tiss	Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland [Adenoma TGLS = 3-3]	Follicular Cel	Adenoma	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 334

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation Lymphoma Malignant	Minimal
[Lymphoma Malignant TGLS = 2,3,4,5-9+10]			
* Nose		Inflammation	Minimal
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Granulosa Cell Tumor Benign	
* Pancreas		Inflammation	Minimal
* Pituitary Gland		Lymphoma Malignant	
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
Tooth		Lymphoma Malignant	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Mild Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 335	TRT#: 4	SEX: Female	DAY ON TEST: 463
	DOSE: VEHICLE CONTROL	DISP: Moribund Sacrifice	HISTO: 9903055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart	Artery	Inflammation	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 336

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
Note: There is a focal lymphoid aggregate in the associated subcutaneous tissues.			
* Gallbladder		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 3-9]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 1-4]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 336

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903056

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 337

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver	Portal	Clear Cell Focus Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Moderate Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 338 TRT#: 4 SEX: Female DAY ON TEST: 733
 DOSE: VEHICLE CONTROL DISP: Terminal Sacrifice HISTO: 9903058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Hyperplasia	Minimal
* Intestine Small, Jejunum		Carcinoma	
		[Carcinoma TGLS = 1-9]	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
		Inflammation	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 339

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 340

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Adrenal Medulla		Pheochromocytoma Malignant	
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Nephropathy	Minimal Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Mild Mild
* Nose	Olfactory Epi	Degeneration Inflammation Inflammation	Hyaline, Minimal Minimal Minimal
* Salivary Glands			
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 341

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Parathyroid Gland		Cyst	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 342

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 343

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 344

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Mild Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 345

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 3-8]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 346

TRT#: 4

SEX: Female

DAY ON TEST: 463

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: 9903066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Heart		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 347

TRT#: 4

SEX: Female

DAY ON TEST: 736

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation Mixed Cell Focus	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 1-4]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 348

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 1-7]			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Tooth		Malformation	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 349

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Hepatocellular Carcinoma Infiltration Cellular Inflammation Necrosis	Lymphocyte, Minimal Minimal Moderate
		[Hepatocellular Carcinoma TGLS = 3-11] [Necrosis TGLS = 4-9]	
* Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 5-12]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Ovary		Thecoma Benign	
		[Thecoma Benign TGLS = 2-7]	
* Salivary Glands		Inflammation	Minimal
* Skin	Subcut Tiss	Schwannoma Malignant	
		[Schwannoma Malignant TGLS = 1-10]	
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 349	TRT#: 4 DOSE: VEHICLE CONTROL	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 9903069
ORGAN AND ACCOUNTABLE SITE STATUS			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 350

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Bone Marrow		Lymphoma Malignant	
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Mild
* Liver		Hepatocellular Adenoma Infiltration Cellular Inflammation	Lymphocyte, Mild Minimal
* Nose	Olfactory Epi	Degeneration Foreign Body	Hyaline, Minimal
	Glands	Inflammation Inflammation	Granulomatous, Focal, Marked Mild
* Ovary		Lymphoma Malignant	
* Salivary Glands		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-4]	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		[Hyperplasia TGLS = 1-7]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 350

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: 9903070

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 351 TRT#: 6 SEX: Female DAY ON TEST: 734
 DOSE: .312% DISP: Terminal Sacrifice HISTO: 9903071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Minimal
		Pigmentation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Lymph Node, Mesenteric		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus		Angiectasis	Minimal
	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 352

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 353

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation	Lymphocyte, Minimal Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354	TRT#: 6 DOSE: .312%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 9903074
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hyperplasia Vacuolization Cytoplasmic	Minimal Minimal Mild
* Brain	Chor Plexus	Infiltration Cellular	Lymphocyte, Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 355

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Mild
* Bone		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Clear Cell Focus	
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 356

TRT#: 6

SEX: Female

DAY ON TEST: 652

DOSE: .312%

DISP: Moribund Sacrifice

HISTO: 9903076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 357 TRT#: 6 SEX: Female DAY ON TEST: 735
 DOSE: .312% DISP: Terminal Sacrifice HISTO: 9903077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* 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
* Lung	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Fatty Change Inflammation	Minimal Minimal
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-11]		
	[Lymphoma Malignant TGLS = 3-10]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-2]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 6-5]		
Mesentery		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 357

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903077

ORGAN AND ACCOUNTABLE SITE STATUS

Oviduct		Inflammation	Minimal
* Pancreas		Lymphoma Malignant	
* Skin	Subcut Tiss	Lymphoma Malignant	
	Note: Most of the tumor was in the underlying skeletal muscle. [Fibrosarcoma TGLS = 5-9]	Fibrosarcoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
	[Lymphoma Malignant TGLS = 1-4]	Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 358

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Stomach, Forestomach		Hyperplasia	Mild
		Inflammation	Minimal
		[Hyperplasia TGLS = 2-9]	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		[Hyperplasia TGLS = 1-7]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 359

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
[Hyperplasia TGLS = 2-9]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: .312%	DISP: Terminal Sacrifice	HISTO: 9903080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Pigmentation Vacuolization Cytoplasmic	Mild Minimal Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Lymphoma Malignant	
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
Lymph Node	Mediastinal Renal	Lymphoma Malignant Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-9]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903080

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 361	TRT#: 6	SEX: Female	DAY ON TEST: 735
	DOSE: .312%	DISP: Terminal Sacrifice	HISTO: 9903081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Inflammation	Minimal
Eye	Cornea	Hyperplasia	Mild
	Cornea	Inflammation	Minimal
[Hyperplasia TGLS = 1-9]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3-10]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 362

TRT#: 6

SEX: Female

DAY ON TEST: 575

DOSE: .312%

DISP: Natural Death

HISTO: 9903082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Myelofibrosis	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
Note: No histologic correlation for deformity (granular liver).			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Minimal
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 363

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone		Myelofibrosis	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Minimal
	[Alveolar/Bronchiolar Adenoma TGLS = 1-9]	Alveolar/Bronchiolar Adenoma	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 364	TRT#: 6	SEX: Female	DAY ON TEST: 733
	DOSE: .312%	DISP: Terminal Sacrifice	HISTO: 9903084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Heart		Hemangioma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
	[Hepatocellular Adenoma TGLS = 1-4]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pancreas		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 366

TRT#: 6

SEX: Female

DAY ON TEST: 668

DOSE: .312%

DISP: Natural Death

HISTO: 9903086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Minimal Minimal
* Bone Marrow		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Mammary Gland	Duct	Dilatation	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Skin	Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLS = 1,2-9+10]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

Animal Note: Extensive autolysis in some tissues. Pale liver and kidneys seen at necropsy appear to be a function of autolysis.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 367 TRT#: 6 SEX: Female DAY ON TEST: 736
 DOSE: .312% DISP: Terminal Sacrifice HISTO: 9903087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 368

TRT#: 6

SEX: Female

DAY ON TEST: 673

DOSE: .312%

DISP: Moribund Sacrifice

HISTO: 9903088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus	
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
[Eosinophilic Focus TGLS = 3-4]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Inflammation	Minimal
* Spleen		Pigmentation	Minimal
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 369

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Angiectasis	Mild
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-9]	
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 370	TRT#: 6	SEX: Female	DAY ON TEST: 708
	DOSE: .312%	DISP: Moribund Sacrifice	HISTO: 9903090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Intestine Small, Duodenum		Polyp Adenomatous	
* Kidney		Inflammation	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-9]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Minimal
		Cystadenoma	
[Cystadenoma TGLS = 1-9]			
* Spleen	Lymph Follic	Atrophy	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 371 TRT#: 6 SEX: Female DAY ON TEST: 736
 DOSE: .312% DISP: Terminal Sacrifice HISTO: 9903091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Mild
* Bone		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver		Infiltration Cellular Fatty Change	Lymphocyte, Minimal Minimal
	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 372	TRT#: 6 DOSE: .312%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 325 HISTO: 9903092
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Dilatation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: trans-Cinnamaldehyde

CAS Number: 14371-10-9

Date Report Requested: 10/18/2014

Time Report Requested: 17:09:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 373

TRT#: 6

SEX: Female

DAY ON TEST: 663

DOSE: .312%

DISP: Natural Death

HISTO: 9903093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Esophagus		Hyperkeratosis	Minimal
* Liver		Inflammation	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Ovary Inflammation

Animal Note: There was extensive autolysis in all tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 374

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Mixed Cell Focus	
* Lung		Alveolar/Bronchiolar Carcinoma	
		[Alveolar/Bronchiolar Carcinoma TGLS = 1-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Ovary		Mineralization	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 375

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 376	TRT#: 6 DOSE: .312%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 9903096
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Nephropathy	Minimal Lymphocyte, Minimal Minimal
* Liver		Inflammation	Minimal
* Lymph Node, Mesenteric		Angiectasis	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 377

TRT#: 6

SEX: Female

DAY ON TEST: 596

DOSE: .312%

DISP: Natural Death

HISTO: 9903097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen	Lymph Follic	Atrophy	Minimal

[Atrophy TGLS = 2-4]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 378

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Bone Harderian Gland [Adenoma TGLS = 1-9]		Myelofibrosis Adenoma	Minimal
* Heart		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation	Lymphocyte, Minimal Lymphocyte, Minimal Minimal
* Nose Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 379

TRT#: 6

SEX: Female

DAY ON TEST: 628

DOSE: .312%

DISP: Natural Death

HISTO: 9903099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 10-9]			
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
[Osteosarcoma TGLS = 1,2-13+4]		Osteosarcoma	Metastatic (Uncertain Primary Site)
* Lung		Osteosarcoma	Metastatic (Uncertain Primary Site)
[Osteosarcoma TGLS = 4,5,6,7,8-12+10+3+11]			
Lymph Node	Pancreatic	Osteosarcoma	Metastatic (Uncertain Primary Site)
[Osteosarcoma TGLS = 9-10]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Lung Osteosarcoma Uncertain Primary Site

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 380

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone Marrow		Hyperplasia	Minimal
Harderian Gland		Carcinoma Inflammation	Minimal
[Carcinoma TGLS = 1-9]			
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Metaplasia	Minimal Lymphocyte, Mild Osseous, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Lymph Node, Mandibular		Hyperplasia	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 381

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: .312%

DISP: Natural Death

HISTO: 9903101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Gallbladder	* 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
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Lymph Node, Mandibular	* Salivary Glands
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Esophagus		Hyperkeratosis	Minimal
* Heart		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Kidney	Renal Tubule	Dilatation	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-9]		
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Stomach, Forestomach		Hyperkeratosis	Minimal
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

Animal Note: There is extensive autolysis in most tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 382

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Ovary		Luteoma	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 383 TRT#: 6 SEX: Female DAY ON TEST: 551
DOSE: .312% DISP: Natural Death HISTO: 9903103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Fatty Change	Moderate
		Necrosis	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: There was extensive autolysis of all tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 384	TRT#: 6	SEX: Female	DAY ON TEST: 734
	DOSE: .312%	DISP: Terminal Sacrifice	HISTO: 9903104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Fatty Change	Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 385

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver		Fatty Change Hepatocellular Adenoma Inflammation	Minimal Minimal Minimal
	[Hepatocellular Adenoma TGLS = 2-9]		
* Nose		Inflammation	Minimal
	Note: Nose, Olfactory Epithelium- Normal		
* Ovary		Cystadenoma	
	[Cystadenoma TGLS = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 385

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903105

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 386	TRT#: 6 DOSE: .312%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 9903106
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
Note: Cyst, mild. Diagnosis not available for data entry.			
* Bone		Myelofibrosis	Mild
* Heart		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Eosinophilic Focus Hematopoietic Cell Proliferation	Minimal
	Portal	Infiltration Cellular Inflammation	Lymphocyte, Mild Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland		Cyst	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 387

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Mild
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 3-9]			
Mesentery	Fat	Mineralization	Mild
	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-9]			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 387

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903107

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 388

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: .312%

DISP: Natural Death

HISTO: 9903108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Myelofibrosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver		Inflammation	Mild
		Pigmentation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
Note: Most of the tumor is in the underlying skeletal muscle. [Fibrosarcoma TGLS = 1-9]			
* Spleen		Infiltration Cellular	Plasma Cell, Mild
* Thymus		Atrophy	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

Animal Note: There is extensive autolysis in many tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 389 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 723
DOSE: .312% **DISP:** Natural Death **HISTO:** 9903109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Liver		Inflammation	Mild
		Lymphoma Malignant	
		Necrosis	Minimal
		Pigmentation	Mild
[Lymphoma Malignant TGLS = 2-10]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-9]			
Mesentery		Lymphoma Malignant	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Lymphoma Malignant	
Oviduct		Lymphoma Malignant	
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 389	TRT#: 6 DOSE: .312%	SEX: Female DISP: Natural Death	DAY ON TEST: 723 HISTO: 9903109
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Mild
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: There is extensive autolysis in many tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: trans-Cinnamaldehyde

CAS Number: 14371-10-9

Date Report Requested: 10/18/2014

Time Report Requested: 17:09:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 390

TRT#: 6

SEX: Female

DAY ON TEST: 558

DOSE: .312%

DISP: Natural Death

HISTO: 9903110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-4+5]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-9]			
Mesentery		Histiocytic Sarcoma	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

- Uterus Histiocytic Sarcoma

Animal Note: There is extensive autolysis in many tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 391 TRT#: 6 SEX: Female DAY ON TEST: 734
 DOSE: .312% DISP: Terminal Sacrifice HISTO: 9903111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Gallbladder		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Fatty Change	Minimal
		Inflammation	Minimal
Mesentery	Fat	Mineralization	Minimal
	Fat	Necrosis	Mild
[Necrosis TGLS = 2-9]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 392

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Bone		Myelofibrosis	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver		Lymphoma Malignant Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2,3,5-9+10+11]			
Lymph Node	Mediastinal Renal	Lymphoma Malignant Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 393

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Mild Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Mild Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 394

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Moderate Minimal

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 395

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Clear Cell Focus Inflammation	Minimal
[Clear Cell Focus TGLS = 2-9]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 396

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Moderate
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Inflammation	Mild
* Spleen		Hyperplasia	Lymphoid, Marked
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: trans-Cinnamaldehyde

CAS Number: 14371-10-9

Date Report Requested: 10/18/2014

Time Report Requested: 17:09:13

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 397

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Mild
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 3-9]	
* Nose			
		Note: Nose, Olfactory Epithelium- Normal	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-4]	
* Thymus		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-6]	
* Urinary Bladder		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 397

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903117

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 398

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: .312%

DISP: Terminal Sacrifice

HISTO: 9903118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
		Inflammation	Minimal
* Ovary		Cyst	Marked
			[Cyst TGLS = 2-7]
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
			[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 399	TRT#: 6 DOSE: .312%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 9903119
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation Mixed Cell Focus Pigmentation	Lymphocyte, Mild Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary [Cyst TGLS = 1-7]		Cyst	Marked
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus [Hyperplasia TGLS = 2-7]	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 400 TRT#: 6 SEX: Female DAY ON TEST: 733
 DOSE: .312% DISP: Terminal Sacrifice HISTO: 9903120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 401

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-9]			
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 402

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation	Lymphocyte, Minimal Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 403

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Mild
* Bone		Myelofibrosis	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Gallbladder		Inflammation	Mild
* Heart		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Mammary Gland	Duct	Dilatation	Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
		Inflammation	Minimal
* Ovary		Cyst	Minimal
* Pancreas		Inflammation	Minimal
* Pituitary Gland		Cyst	Minimal
* Stomach, Forestomach		Hyperplasia	Mild
		[Hyperplasia TGLS = 1-9]	
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 403

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903123

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 404 TRT#: 8 SEX: Female DAY ON TEST: 735
 DOSE: .625% DISP: Terminal Sacrifice HISTO: 9903124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Metaplasia	Minimal Lymphocyte, Mild Osseous, Minimal
* Liver		Angiectasis Fatty Change Infiltration Cellular	Mild Minimal Lymphocyte, Moderate
		[Angiectasis TGLS = 1-9]	
* Nose	Olfactory Epi	Pigmentation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 405	TRT#: 8 DOSE: .625%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 9903125
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
Blood Vessel	Aorta	Inflammation	Mild
* Bone		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-10]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-9]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 406 TRT#: 8 SEX: Female DAY ON TEST: 734
 DOSE: .625% DISP: Terminal Sacrifice HISTO: 9903126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Myelofibrosis	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Nephropathy	Minimal Lymphocyte, Minimal Minimal
* Liver	Portal	Hepatocellular Adenoma Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
	[Hepatocellular Adenoma TGLS = 2-9]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Ovary		Cyst	Mild
	[Cyst TGLS = 1-7]		
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 407 TRT#: 8 SEX: Female DAY ON TEST: 734
 DOSE: .625% DISP: Terminal Sacrifice HISTO: 9903127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 408	TRT#: 8	SEX: Female	DAY ON TEST: 736
	DOSE: .625%	DISP: Terminal Sacrifice	HISTO: 9903128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
	Portal	Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Minimal
* Nose		Inflammation	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Marked
		Inflammation	Moderate
	[Cyst TGLS = 1-9]		
* Pancreas		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 3-4]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 409

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Moderate
		Necrosis	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 410	TRT#: 8 DOSE: .625%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 9903130
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Mild
* Bone Marrow		Lymphoma Malignant	
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-9]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 411

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Mild
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 412 TRT#: 8 SEX: Female DAY ON TEST: 734
 DOSE: .625% DISP: Terminal Sacrifice HISTO: 9903132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Moderate
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 413

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 414 TRT#: 8 SEX: Female DAY ON TEST: 734
 DOSE: .625% DISP: Terminal Sacrifice HISTO: 9903134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 415

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
Harderian Gland		Adenoma	
		Inflammation	Minimal
[Adenoma TGLS = 1-9]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 416

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver		Infiltration Cellular Fatty Change	Lymphocyte, Minimal Minimal
	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar Mediastinal	Lymphoma Malignant Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-10]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Adenoma	
	[Adenoma TGLS = 1-9]		
* Nose	Olfactory Epi Olfactory Epi	Degeneration Pigmentation	Hyaline, Minimal Minimal
* Ovary		Cyst	Marked
	[Cyst TGLS = 3-7]		
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 416	TRT#: 8	SEX: Female	DAY ON TEST: 734
	DOSE: .625%	DISP: Terminal Sacrifice	HISTO: 9903136

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Lymphoma Malignant	
		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 417 TRT#: 8 SEX: Female DAY ON TEST: 733
 DOSE: .625% DISP: Terminal Sacrifice HISTO: 9903137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Mild
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Lung		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 418 TRT#: 8 SEX: Female DAY ON TEST: 736
 DOSE: .625% DISP: Terminal Sacrifice HISTO: 9903138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone		Myelofibrosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Lung		Inflammation	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 3-7]			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-6]			
* Salivary Glands		Inflammation	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:13
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 419

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Mild
[Cyst TGLS = 1-7]			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 420

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone		Myelofibrosis	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Brain	Meninges	Infiltration Cellular	Lymphocyte, Minimal
* Clitoral Gland		Inflammation	Minimal
Harderian Gland		Adenoma Inflammation	Minimal
[Adenoma TGLS = 1-9]			
* Kidney	Renal Tubule	Dilatation Lymphoma Malignant	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Mild
Lymph Node	Inguinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Mineralization	Minimal
* Pituitary Gland		Cyst	Minimal
* Spleen		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 420

TRT#: 8
DOSE: .625%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: 9903140

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 421	TRT#: 8 DOSE: .625%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 9903141
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-9]			
* Intestine Large, Rectum		Squamous Cell Carcinoma	Metastatic (Skin)
* Kidney		Inflammation	Minimal
* Liver		Inflammation	Minimal
* Lung		Squamous Cell Carcinoma	Metastatic (Skin)
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Salivary Glands		Inflammation	Minimal
* Skin		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-10]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Mild
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 422	TRT#: 8 DOSE: .625%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 9903142
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Mild
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 423	TRT#: 8 DOSE: .625%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 9903143
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Minimal Minimal
* Bone		Myelofibrosis	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Lymphoma Malignant Nephropathy	Mild
* Liver		Fatty Change	Minimal
Lymph Node	Portal	Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 1-6]			
* Salivary Glands		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 423

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903143

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:13
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 424	TRT#: 8 DOSE: .625%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 9903144
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Intestine Large, Cecum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-10]			
[Lymphoma Malignant TGLS = 8-13]			
[Lymphoma Malignant TGLS = 6-12]			
[Lymphoma Malignant TGLS = 5-11]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Nose			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 424

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903144

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Nose, Olfactory Epithelium- Normal

* Pancreas

Lymphoma Malignant

* Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 7-4]

* Stomach, Forestomach

Squamous Cell Papilloma

[Squamous Cell Papilloma TGLS = 9-10]

* Thymus

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 425

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 426

TRT#: 8

SEX: Female

DAY ON TEST: 425

DOSE: .625%

DISP: Natural Death

HISTO: 9903146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Ovary		Lymphoma Malignant	
Tissue NOS	Mediastinum	Lymphoma Malignant	

[Lymphoma Malignant TGLS = 1-9]

PRIMARY CAUSE OF DEATH - Tissue NOS Mediastinum Lymphoma Malignant

Animal Note: There is extensive autolysis in many tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 427

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Mild Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 428

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lacrimal Gland		Inflammation	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Mild
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Mild
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 429

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 430

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver		Inflammation	Minimal
Mesentery [Necrosis TGLS = 1-9]	Fat	Necrosis	Moderate
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 431

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Metaplasia	Osseous, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
		Inflammation	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 432 TRT#: 8 SEX: Female DAY ON TEST: 733
 DOSE: .625% DISP: Terminal Sacrifice HISTO: 9903152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Nephropathy	Minimal Lymphocyte, Minimal Minimal
* Liver	Portal	Fatty Change Infiltration Cellular Inflammation	Minimal Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-7]			
* Pancreas		Cyst	Mild
* Salivary Glands		Inflammation	Minimal
Tooth		Malformation	
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 433

TRT#: 8

SEX: Female

DAY ON TEST: 638

DOSE: .625%

DISP: Natural Death

HISTO: 9903153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Lymphoma Malignant	
* Clitoral Gland		Lymphoma Malignant	
* Esophagus		Hyperkeratosis	Minimal
* Heart		Lymphoma Malignant	
		Mineralization	Minimal
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-10]			
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-9]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Marked
		Lymphoma Malignant	
Oviduct		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 433	TRT#: 8 DOSE: .625%	SEX: Female DISP: Natural Death	DAY ON TEST: 638 HISTO: 9903153
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-4]

* Stomach, Forestomach	Hyperkeratosis	Minimal
* Thymus	Lymphoma Malignant	
* Uterus	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: There was extensive autolysis in many tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 434	TRT#: 8 DOSE: .625%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 9903154
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Lymph Node, Mesenteric		Hemangiosarcoma	
* Nose	Olfactory Epi	Degeneration	Hyaline, Moderate
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 435

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Hypertrophy Pigmentation Vacuolization Cytoplasmic	Mild Minimal Minimal Mild
* Kidney		Atrophy Infiltration Cellular	Moderate Lymphocyte, Mild
[Atrophy TGLS = 1-4]			
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Marked
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 436

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 437

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 438 TRT#: 8 SEX: Female DAY ON TEST: 726
 DOSE: .625% DISP: Natural Death HISTO: 9903158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Clitoral Gland * Ovary

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Myelofibrosis	Mild
* Kidney		Carcinoma	Metastatic (Uterus)
		Hydronephrosis	Mild
		Mineralization	Minimal
* Liver	Papilla	Necrosis	Mild
		Carcinoma	Metastatic (Uterus)
			[Carcinoma TGLS = 3-9]
* Lung		Carcinoma	Metastatic (Uterus)
Lymph Node	Mediastinal	Carcinoma	Metastatic (Uterus)
Mesentery		Carcinoma	Metastatic (Uterus)
			[Carcinoma TGLS = 2-10]
* Nose			Note: Nose, Olfactory Epithelium- Normal
* Spleen	Lymph Follic	Atrophy	Marked
* Thymus		Atrophy	Marked
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Minimal
			[Carcinoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH - Uterus Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 561111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 438

TRT#: 8

SEX: Female

DAY ON TEST: 726

DOSE: .625%

DISP: Natural Death

HISTO: 9903158

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: There is extensive autolysis in most tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 439	TRT#: 8 DOSE: .625%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 9903159
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation Pigmentation	Lymphocyte, Minimal Lymphocyte, Minimal Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Thymus		Hyperplasia	Marked
[Hyperplasia TGLS = 2-6]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 439

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903159

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 440

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone		Myelofibrosis	Minimal
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Mild Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 441

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 442	TRT#: 8 DOSE: .625%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 9903162
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Mild Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver	Portal	Hepatocellular Adenoma Infiltration Cellular	Lymphocyte, Mild
[Hepatocellular Adenoma TGLS = 1-5]			
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 3-5]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pancreas		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 443	TRT#: 8 DOSE: .625%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 9903163
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular Metaplasia	Lymphocyte, Minimal Osseous, Minimal
* Liver		Inflammation	Minimal
* Lymph Node, Mesenteric		Hemangiosarcoma	
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 444

TRT#: 8

SEX: Female

DAY ON TEST: 568

DOSE: .625%

DISP: Moribund Sacrifice

HISTO: 9903164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Pigmentation	Minimal
* Bone		Myelofibrosis	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-9]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
		Inflammation	Mild
* Ovary		Cyst	Marked
	[Cyst TGLS = 2-7]		
* Spleen	Lymph Follic	Atrophy	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 446

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
Eye	Cornea	Inflammation	Mild
[Inflammation TGLS = 1-9]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 2-10]			
* Kidney		Infiltration Cellular Nephropathy	Lymphocyte, Minimal Minimal
* Liver		Clear Cell Focus Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 446

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903166

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 447

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Bone		Myelofibrosis	Mild
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Mild Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Marked Mild
[Hyperplasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 448	TRT#: 8	SEX: Female	DAY ON TEST: 733
	DOSE: .625%	DISP: Terminal Sacrifice	HISTO: 9903168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Bone		Myelofibrosis	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pancreas		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 449

TRT#: 8

SEX: Female

DAY ON TEST: 736

DOSE: .625%

DISP: Terminal Sacrifice

HISTO: 9903169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation Hyperplasia	Lymphocyte, Marked Minimal Moderate
* Lymph Node, Mesenteric			
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 450

TRT#: 8

SEX: Female

DAY ON TEST: 642

DOSE: .625%

DISP: Natural Death

HISTO: 9903170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Intestine Large, Cecum	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex Note: Only 1 adrenal gland present.	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Histiocytic Sarcoma	
		Inflammation	Minimal
[Histiocytic Sarcoma TGLS = 2-4]			
Lymph Node	Lumbar	Histiocytic Sarcoma	
	Pancreatic	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-10]			
[Histiocytic Sarcoma TGLS = 4-9]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-5]			
Mesentery		Histiocytic Sarcoma	
* Nose Note: Nose, Olfactory Epithelium- Normal			
Oviduct		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
* Skin	Subcut Tiss	Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 450	TRT#: 8	SEX: Female	DAY ON TEST: 642
	DOSE: .625%	DISP: Natural Death	HISTO: 9903170

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach [Histiocytic Sarcoma TGLS = 5-11]	Histiocytic Sarcoma	
* Thymus	Atrophy	Marked
* Urinary Bladder	Inflammation	Minimal
* Uterus [Histiocytic Sarcoma TGLS = 1-12]	Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH - Uterus Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 451

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver		Fatty Change Inflammation	Minimal Minimal
* Nose		Inflammation	Minimal
* Pancreas	Olfactory Epi	Pigmentation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Inflammation Hyperplasia	Minimal Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 452	TRT#: 10	SEX: Female	DAY ON TEST: 733
	DOSE: 1.25%	DISP: Terminal Sacrifice	HISTO: 9903172

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 6-11]

* Urinary Bladder

* Uterus

[Hyperplasia TGLS = 1-7]

Endometrium

Lymphoma Malignant

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 453

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Marked
* Bone Marrow		Hyperplasia	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
Oviduct		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Minimal

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 454	TRT#: 10 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 9903174
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Moderate
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-7]			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 455	TRT#: 10 DOSE: 1.25%	SEX: Female DISP: Natural Death	DAY ON TEST: 587 HISTO: 9903175
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation	Mild Minimal
* Gallbladder		Lymphoma Malignant	
* Kidney		Lymphoma Malignant Nephropathy	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-9]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar Renal	Lymphoma Malignant Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-11]			
[Lymphoma Malignant TGLS = 4-12]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]			
* Mammary Gland		Lymphoma Malignant	
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Lymphoma Malignant	
Oviduct		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 455	TRT#: 10 DOSE: 1.25%	SEX: Female DISP: Natural Death	DAY ON TEST: 587 HISTO: 9903175
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Lymphoma Malignant TGLS = 1-10]		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 456

TRT#: 10

SEX: Female

DAY ON TEST: 734

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone		Myelofibrosis	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver	Portal	Hepatocellular Adenoma Infiltration Cellular	Lymphocyte, Minimal
[Hepatocellular Adenoma TGLS = 2-9]			
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Angiectasis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 457

TRT#: 10

SEX: Female

DAY ON TEST: 734

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Mild
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Mineralization	Minimal Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 1-7]			
* Salivary Glands		Inflammation Mineralization	Minimal Minimal
* Thyroid Gland	Follicle	Cyst	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Mild Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 458 TRT#: 10 SEX: Female DAY ON TEST: 736
 DOSE: 1.25% DISP: Terminal Sacrifice HISTO: 9903178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
* Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 459

TRT#: 10

SEX: Female

DAY ON TEST: 733

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* 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	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 1-7]			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Thyroid Gland	Follicle	Cyst	Mild
* Uterus	Endometrium	Angiectasis Hyperplasia	Minimal Cystic, Minimal
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 460	TRT#: 10 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 9903180
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Myelofibrosis	Minimal
* Brain		Infiltration Cellular	Lymphocyte, Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Fatty Change	Minimal
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen	Lymph Follic	Hyperplasia	Mild
* Stomach, Glandular		Mineralization	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 461 TRT#: 10 SEX: Female DAY ON TEST: 733
DOSE: 1.25% DISP: Terminal Sacrifice HISTO: 9903181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Minimal
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart		Inflammation	Minimal
* Kidney		Infiltration Cellular Mineralization	Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 462

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infarct Lymphoma Malignant Mineralization	Minimal Minimal Minimal Minimal
* Liver		Inflammation Lymphoma Malignant	Minimal Minimal
* Nose	Olfactory Epi	Pigmentation Lymphoma Malignant	Minimal Minimal
Oviduct		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Minimal Minimal

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 463	TRT#: 10 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO: 9903183
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone		Myelofibrosis	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Inflammation	Minimal
* Liver		Fatty Change	Minimal
		Necrosis	Mild
[Necrosis TGLS = 3-9]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-10]			
[Lymphoma Malignant TGLS = 4-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]			
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-4]			
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-10]			
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 463

TRT#: 10

SEX: Female

DAY ON TEST: 734

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903183

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 464

TRT#: 10

SEX: Female

DAY ON TEST: 734

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Mineralization	Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Salivary Glands		Inflammation	Minimal
* Stomach, Forestomach		Ulcer	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 465

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903185

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 466 TRT#: 10 SEX: Female DAY ON TEST: 680
DOSE: 1.25% DISP: Moribund Sacrifice HISTO: 9903186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-9]		
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 467	TRT#: 10	SEX: Female	DAY ON TEST: 735
	DOSE: 1.25%	DISP: Terminal Sacrifice	HISTO: 9903187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Nose	Olfactory Epi	Pigmentation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 468

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hyperplasia	Minimal
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 469

TRT#: 10

SEX: Female

DAY ON TEST: 568

DOSE: 1.25%

DISP: Moribund Sacrifice

HISTO: 9903189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
	Artery	Inflammation	Mild
* Kidney	Renal Tubule	Dilatation	Minimal
		Infarct	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Artery	Inflammation	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Minimal
		Pigmentation	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-9]			
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Minimal
		Mineralization	Minimal
* Pituitary Gland		Inflammation	Mild
Note: The nodule seen at necropsy corresponds to inflammation of a large blood vessel.			
[Inflammation TGLS = 1-10]			
* Salivary Glands		Atrophy	Mild
		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 469

TRT#: 10

SEX: Female

DAY ON TEST: 568

DOSE: 1.25%

DISP: Moribund Sacrifice

HISTO: 9903189

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder

Inflammation

Minimal

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

- Lymph Node, Mesenteric Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 470

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Mild
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 471

TRT#: 10

SEX: Female

DAY ON TEST: 733

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 472

TRT#: 10

SEX: Female

DAY ON TEST: 733

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 473	TRT#: 10	SEX: Female	DAY ON TEST: 734
	DOSE: 1.25%	DISP: Terminal Sacrifice	HISTO: 9903193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Pigmentation	Minimal
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
		Pigmentation	Mild
[Pigmentation TGLS = 1-3]			
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 474

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver		Inflammation Pigmentation	Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 475

TRT#: 10

SEX: Female

DAY ON TEST: 734

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver		Fatty Change Inflammation	Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-7]			
* Salivary Glands		Inflammation	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 476

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone		Myelofibrosis	Mild
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 477	TRT#: 10	SEX: Female	DAY ON TEST: 736
	DOSE: 1.25%	DISP: Terminal Sacrifice	HISTO: 9903197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Pigmentation	Minimal
* Bone		Myelofibrosis	Mild
* Bone Marrow		Lymphoma Malignant	
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-9]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 478

TRT#: 10

SEX: Female

DAY ON TEST: 734

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
		Nephropathy	Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Minimal
* Pancreas		Inflammation	Minimal
Tooth		Malformation	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 479

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Bone		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Mild
* Salivary Glands		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 480

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation	Lymphocyte, Minimal Lymphocyte, Minimal Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Luteoma	
* Pancreas		Cyst Inflammation	Mild Mild
* Salivary Glands		Inflammation	Minimal
* Trachea		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 481	TRT#: 10	SEX: Female	DAY ON TEST: 735
	DOSE: 1.25%	DISP: Terminal Sacrifice	HISTO: 9903201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
* Liver		Fatty Change	Minimal
	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Minimal
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 482

TRT#: 10

SEX: Female

DAY ON TEST: 733

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation	Lymphocyte, Minimal Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Marked Minimal

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 483	TRT#: 10	SEX: Female	DAY ON TEST: 379
	DOSE: 1.25%	DISP: Natural Death	HISTO: 9903203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Clitoral Gland	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Inflammation	Marked
* Bone Marrow		Hyperplasia	Minimal
* Brain	Medulla	Degeneration	Mild
* Heart		Inflammation	Mild
* Liver		Inflammation	Minimal
		Necrosis	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
[Hyperplasia TGLS = 1-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Blood Vessel Aorta Inflammation

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 484	TRT#: 10	SEX: Female	DAY ON TEST: 627
	DOSE: 1.25%	DISP: Moribund Sacrifice	HISTO: 9903204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Skin		Hyperkeratosis	Minimal
Spinal Cord		Degeneration	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Spinal Cord Degeneration

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 485 TRT#: 10 SEX: Female DAY ON TEST: 736
 DOSE: 1.25% DISP: Terminal Sacrifice HISTO: 9903205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
Note: Only 1 gland present.			
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Hematopoietic Cell Proliferation	Minimal Lymphocyte, Minimal Minimal
* Liver		Inflammation Pigmentation	Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-4]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 486

TRT#: 10

SEX: Female

DAY ON TEST: 733

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Mineralization	Minimal
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-6]			
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 487	TRT#: 10 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 736 HISTO: 9903207
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone		Myelofibrosis	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
* Nose	Olfactory Epi	Pigmentation	Minimal
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-9]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-4]			
* Thymus		Atrophy	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 488

TRT#: 10

SEX: Female

DAY ON TEST: 734

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Minimal Minimal Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver	Portal	Infiltration Cellular Infiltration Cellular Inflammation	Lymphocyte, Minimal Lymphocyte, Minimal Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Moderate Minimal

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 489	TRT#: 10 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 9903209
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Bone		Myelofibrosis	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Heart	Artery	Inflammation	Minimal
* Kidney	Renal Tubule	Cyst Dilatation Infiltration Cellular	Mild Minimal Lymphocyte, Minimal
[Cyst TGLS = 1-4]			
* Liver	Portal	Hematopoietic Cell Proliferation Infiltration Cellular Inflammation	Minimal Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Mineralization	Minimal
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 490

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Myelofibrosis	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver		Infiltration Cellular Hematopoietic Cell Proliferation	Lymphocyte, Minimal Minimal
	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Lymph Node, Mesenteric [Lymphoma Malignant TGLS = 2-9]		Lymphoma Malignant	
* Nose	Olfactory Epi	Pigmentation	Mild
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen [Lymphoma Malignant TGLS = 1-9]		Lymphoma Malignant	
* Thyroid Gland	Follicle	Cyst	Mild
* Urinary Bladder		Inflammation	Minimal
* Uterus [Hyperplasia TGLS = 3-7]	Endometrium	Hyperplasia Polyp Stromal	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 490

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903210

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 491

TRT#: 10

SEX: Female

DAY ON TEST: 726

DOSE: 1.25%

DISP: Natural Death

HISTO: 9903211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Gallbladder	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Moderate
* Esophagus		Hyperkeratosis	Minimal
* Heart		Mineralization	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 4-10]	
		[Lymphoma Malignant TGLS = 3-9]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-4]	
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		[Hyperplasia TGLS = 2-7]	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: There was extensive autolysis in all tissues.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 492	TRT#: 10 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: 9903212
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver		Fatty Change Inflammation	Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary [Cyst TGLS = 1-7]		Cyst	Moderate
* Pancreas		Inflammation	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus [Hyperplasia TGLS = 2-7]	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 493

TRT#: 10

SEX: Female

DAY ON TEST: 733

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Infiltration Cellular Nephropathy	Minimal Lymphocyte, Minimal Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 494

TRT#: 10

SEX: Female

DAY ON TEST: 226

DOSE: 1.25%

DISP: Moribund Sacrifice

HISTO: 9903214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Clitoral Gland		Inflammation	Minimal
* Liver		Inflammation	Minimal
* Nose			
Note: Nose, Olfactory Epithelium- Normal			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 495	TRT#: 10	SEX: Female	DAY ON TEST: 735
	DOSE: 1.25%	DISP: Terminal Sacrifice	HISTO: 9903215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Bone		Myelofibrosis	Minimal
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Gallbladder		Inflammation	Minimal
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3,4-9+10]		
* Kidney		Atrophy Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Mild Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-9]		
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Lymphoma Malignant	
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 1-7]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 495

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903215

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 496	TRT#: 10	SEX: Female	DAY ON TEST: 734
	DOSE: 1.25%	DISP: Terminal Sacrifice	HISTO: 9903216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation Lymphoma Malignant	Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Pigmentation Lymphoma Malignant	Minimal
Oviduct		Inflammation	Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Inflammation	Minimal
[Lymphoma Malignant TGLS = 1-9]			
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 497

TRT#: 10

SEX: Female

DAY ON TEST: 736

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Minimal
* Mammary Gland	Duct	Dilatation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Ovary		Granulosa Cell Tumor Benign	
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		[Adenoma TGLS = 1-9]	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: trans-Cinnamaldehyde
 CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
 Time Report Requested: 17:09:14
 First Dose M/F: NA / NA
 Lab: BAT

ANIMAL ID: 498 TRT#: 10 SEX: Female DAY ON TEST: 733
 DOSE: 1.25% DISP: Terminal Sacrifice HISTO: 9903218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone Marrow		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Mild Minimal
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant Lymphoma Malignant	
* Lymph Node, Mandibular			
[Lymphoma Malignant TGLS = 4-2]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
Mesentery		Lymphoma Malignant	
	Fat	Mineralization	Mild
	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-9]			
* Nose		Inflammation	Minimal
	Olfactory Epi	Pigmentation	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 498	TRT#: 10 DOSE: 1.25%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 9903218
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ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 6-10]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 499

TRT#: 10

SEX: Female

DAY ON TEST: 733

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Pigmentation Vacuolization Cytoplasmic	Mild Minimal Mild
* Bone		Myelofibrosis	Minimal
* Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 1-8]			
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver	Portal	Infiltration Cellular Inflammation	Lymphocyte, Minimal Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pancreas		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 56111-04
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: trans-Cinnamaldehyde
CAS Number: 14371-10-9

Date Report Requested: 10/18/2014
Time Report Requested: 17:09:14
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 500

TRT#: 10

SEX: Female

DAY ON TEST: 733

DOSE: 1.25%

DISP: Terminal Sacrifice

HISTO: 9903220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Vacuolization Cytoplasmic	Minimal Mild
* Bone		Myelofibrosis	Moderate
* Kidney	Renal Tubule	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
* Liver		Inflammation	Minimal
* Nose	Olfactory Epi	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Inflammation	Minimal
* Urinary Bladder		Inflammation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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** END OF REPORT **

* PROTOCOL REQUIRED TISSUE