

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**C Number:** C56348A  
**Lock Date:** 01/02/1996  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date** NONE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509141

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

* Gallbladder	* Mammary Gland
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509142

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Mammary Gland

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509143

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Mammary Gland

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509144

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509145

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Mammary Gland

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509146

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02

**Test Type:** 90-DAY

**Route:** DOSED FEED

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral

**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 05:30:04

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

**Lab:** BAT

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**ANIMAL ID:** 7

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509147

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Mammary Gland

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> UNTREAT CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509148

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

* Mammary Gland	* Parathyroid Gland
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 9

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509149

**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
* 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

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 10

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509150

**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
* 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

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 11

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509151

**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
* 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

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 12

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509152

**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
* 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

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 13

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509153

**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
* 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

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 14

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509154

**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
* 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

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 15

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509155

**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
* 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

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 16

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509156

**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
* 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**

* Lymph Node, Mesenteric	* Mammary Gland
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 17

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509157

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

* Gallbladder	* Mammary Gland
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 18

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509158

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Preputial Gland  
\* Skin  
\* Testes  
\* Urinary Bladder

\* Adrenal Medulla  
\* Brain  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Liver  
\* Nose  
\* Prostate  
\* Spleen  
\* Thymus

\* Blood Vessel  
\* Epididymis  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lung  
\* Pancreas  
\* Salivary Glands  
\* Stomach, Forestomach  
\* Thyroid Gland

\* Bone  
\* Esophagus  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Trachea

**MISSING**

\* Gallbladder

\* Mammary Gland

\* Parathyroid Gland

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 19

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509159

**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
* 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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 20

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509160

**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
* 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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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 41

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509181

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Stomach, Forestomach

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 42

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509182

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Forestomach

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 43

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509183

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Forestomach

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 44

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509184

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Stomach, Forestomach

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 45

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509185

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Stomach, Forestomach

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 46

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509186

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Stomach, Forestomach

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 47

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509187

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Forestomach

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 48

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509188

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Stomach, Forestomach

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 49

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509189

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Forestomach

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 50

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509190

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Stomach, Forestomach

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 51	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 14
	<b>DOSE:</b> 31300 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9509191

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Thymus	Atrophy	Moderate
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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 52

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 10

**DOSE:** 31300 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 9509192

**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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

**MISSING**

\* Thymus

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 53

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509193

**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
* 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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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 54	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 10
	<b>DOSE:</b> 31300 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> 9509194

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Thymus	Atrophy	Moderate
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**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 55

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509195

**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
* 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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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 56	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 31300 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509196

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 57

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509197

**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
* 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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 58

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509198

**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
* 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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 59

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509199

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Intestine Small, Ileum	* Mammary Gland	* Urinary Bladder
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 60

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 10

**DOSE:** 31300 PPM

**DISP:** Moribund Sacrifice

**HISTO:** 9509200

**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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus
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PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 61

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509201

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 62

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509202

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 63

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509203

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 64

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509204

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02

**Test Type:** 90-DAY

**Route:** DOSED FEED

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral

**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 05:30:04

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

**Lab:** BAT

**ANIMAL ID:** 65

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509205

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus  
\* Uterus

\* Adrenal Medulla  
\* Brain  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Liver  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

\* Blood Vessel  
\* Clitoral Gland  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Esophagus  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

**MISSING**

\* Gallbladder

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 66

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509206

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 67

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509207

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 68

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509208

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 69

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509209

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 70

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** UNTREAT CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509210

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 71

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509211

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 72

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509212

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 73

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509213

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 74

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509214

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Gallbladder

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 75

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509215

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 76

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509216

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 77

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509217

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 78

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509218

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Gallbladder	* Parathyroid Gland
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 79

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509219

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 80

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** VEHICLE CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 9509220

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 91

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7800 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509231

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 92

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7800 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509232

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 93

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7800 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509233

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 94

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7800 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509234

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 95

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7800 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509235

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 96

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7800 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509236

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 97

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7800 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509237

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 98

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7800 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509238

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 99

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7800 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509239

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:04  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 100

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7800 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509240

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 101

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509241

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Forestomach

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**OBSERVATIONS**

Ovary

Corpus Luteum

Atrophy

Marked

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 102

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509242

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 103

**TRT#:** 10  
**DOSE:** 15600 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 93  
**HISTO:** 9509243

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**OBSERVATIONS**

Ovary  
Stomach, Forestomach

Corpus Luteum  
Epithelium

Atrophy  
Hyperkeratosis  
Hyperplasia

Mild  
Minimal  
Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 104	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 15600 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509244

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Forestomach

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**OBSERVATIONS**

Ovary	Corpus Luteum	Atrophy	Mild
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 105	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 15600 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509245

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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Stomach, Forestomach

**OBSERVATIONS**

Ovary	Corpus Luteum	Atrophy	Mild
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 106	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 15600 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509246

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Stomach, Forestomach

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**OBSERVATIONS**

Ovary	Corpus Luteum	Atrophy	Mild
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PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 107

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509247

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 108	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 15600 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509248

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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Stomach, Forestomach

**OBSERVATIONS**

Ovary	Corpus Luteum	Atrophy	Mild
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 109

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509249

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Ovary

Stomach, Forestomach

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**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 110

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15600 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509250

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Stomach, Forestomach

---

**OBSERVATIONS**

Ovary

Corpus Luteum

Atrophy

Marked

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 111

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509251

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Ovary	Corpus Luteum	Atrophy	Marked
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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 112	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 31300 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9509252

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Lung

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**OBSERVATIONS**

* Liver		Vacuolization Cytoplasmic	Minimal
* Ovary	Corpus Luteum	Atrophy	Marked

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 113

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509253

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* 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	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Urinary Bladder	* Uterus

**MISSING**

* Esophagus	* Lymph Node, Mandibular	* Parathyroid Gland	* Thyroid Gland
* Trachea			

**OBSERVATIONS**

* Ovary	Corpus Luteum	Atrophy	Marked
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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 114

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509254

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Ovary	Corpus Luteum	Atrophy	Marked
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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 115

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509255

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Ovary	Corpus Luteum	Atrophy	Marked
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 116

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509256

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Ovary	Corpus Luteum	Atrophy	Marked
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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 117

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509257

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Ovary	Corpus Luteum	Atrophy	Marked
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 118

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509258

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Ovary	Corpus Luteum	Atrophy	Marked
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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 119

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509259

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Lymph Node, Mesenteric  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

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

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lung  
\* Nose  
\* Skin  
\* Thymus  
\* Uterus

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

\* Ovary                      Corpus Luteum                      Atrophy                      Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 56348-02  
**Test Type:** 90-DAY  
**Route:** DOSED FEED  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Citral  
**CAS Number:** 5392-40-5

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 05:30:05  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 120

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 31300 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 9509260

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**OBSERVATIONS**

* Ovary	Corpus Luteum	Atrophy	Mild
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PRIMARY CAUSE OF DEATH

-

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

\* PROTOCOL REQUIRED TISSUE