

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C88045
<b>Lock Date:</b>	11/13/1996
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 241

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603701

**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:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 242

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603702

**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:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 243	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 0 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9603703

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 244

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603704

**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	Skeletal Muscle	* 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:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 245

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603705

**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:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 246

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603706

**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:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 247

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603707

**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:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 248

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603708

**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:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 249

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603709

**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

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 250

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603710

**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:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 251

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603711

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Liver

\* Nose

Spleen

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 252

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603712

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 253

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603713

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 254

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603714

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 255

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603715

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Liver

\* Nose

Spleen

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 256

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603716

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Liver

\* Nose

Spleen

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 257

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603717

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Liver

\* Nose

Spleen

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 258

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603718

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex

\* Liver

\* Nose

Spleen

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 259

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603719

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Liver

\* Nose

Spleen

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 260

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603720

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Liver

\* Nose

Spleen

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 261

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603721

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 262

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603722

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 263

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603723

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 264

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603724

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 265

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603725

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 266

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603726

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 267

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603727

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 268

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603728

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 269

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603729

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 270

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603730

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 271

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603731

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 272	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9603732

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Cortex	* Liver	Spleen
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**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Mild
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 273

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 96003733

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 274

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603734

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 275	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9603735

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex	* Liver
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**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 276

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603736

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 277

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603737

---

**OBSERVATIONS**

* Liver		Necrosis	Focal, Minimal
* Nose	Olfactory Epi	Degeneration	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 278

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603738

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 279

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603739

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Butanal oxime

**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 03:56:35

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

**Lab:** BAT

---

**ANIMAL ID:** 280

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603740

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88045-04

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Butanal oxime

CAS Number: 110-69-0

Date Report Requested: 10/16/2014

Time Report Requested: 03:56:35

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 281

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 200 MG/KG

DISP: Terminal Sacrifice

HISTO: 9603741

**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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Mild
		Exudate	Suppurative, Minimal
* Preputial Gland		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 282	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 200 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9603742

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**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	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

---

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

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**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Moderate
* Preputial Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Urinary Bladder		Edema	Moderate

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 283

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603743

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 284

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603744

**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	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**MISSING**

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 285

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603745

**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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 286

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603746

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver		Vacuolization Cytoplasmic	Minimal
* Nose	Olfactory Epi	Degeneration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 287

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603747

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

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

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Subcapsular	Hyperplasia	Minimal
* Liver		Vacuolization Cytoplasmic	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
* Urinary Bladder		Edema	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 288	<b>TRT#:</b> 9	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 200 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9603748

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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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

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**MISSING**

\* Mammary Gland

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**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 289

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603749

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
* Nose	Olfactory Epi	Degeneration	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 290

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603750

**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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 291

**TRT#:** 11  
**DOSE:** 600 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 93  
**HISTO:** 9603751

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Liver		Mineralization	Minimal
		Necrosis	Mild
		Pigmentation	Minimal
Note: Death due to cyanide toxicity for this and other animals. Liver necrosis coded as PCOD since this was the most severe histologic manifestation of anoxia.			
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Testes		Mineralization	Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 292	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 87
	<b>DOSE:</b> 600 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9603752

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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	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

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**MISSING**

\* Mammary Gland

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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Thymus	* Urinary Bladder		

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**OBSERVATIONS**

* Liver		Necrosis	Moderate
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Mild
* Spleen	Lymphatic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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**PRIMARY CAUSE OF DEATH** - Liver Necrosis

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 293

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 600 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603753

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Parathyroid Gland	* Thyroid Gland
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**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Moderate
* Liver		Mineralization	Minimal
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Moderate
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Urinary Bladder		Edema	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 294	<b>TRT#:</b> 11	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 46
	<b>DOSE:</b> 600 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9603754

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

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**MISSING**

\* Mammary Gland

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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

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**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Mild
* Spleen	Lymphatic	Atrophy	Moderate
		Pigmentation	Mild
* Thymus		Atrophy	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 295

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 87

**DOSE:** 600 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:** 9603755

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

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

* Bone Marrow		Hyperplasia	Mild
* Kidney			
Note: TGL #2-NCL			
* Liver		Necrosis	Moderate
[ Necrosis TGLS = 1-3, 4, 5 ]			
* Lymph Node, Mesenteric		Atrophy	Moderate
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Minimal
* Spleen	Lymphatic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Stom Gland			
Note: TGL #3-NCL			
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

- Liver Necrosis

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 296

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 58

**DOSE:** 600 MG/KG

**DISP:** Natural Death

**HISTO:** 9603756

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

**MISSING**

* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Liver		Necrosis Vacuolization Cytoplasmic	Moderate Mild
[ Necrosis TGLS = 1-3, 4, 5 ]			
* Nose	Olfactory Epi	Degeneration Exudate	Marked Suppurative, Moderate
* Spleen	Lymphatic	Atrophy Hematopoietic Cell Proliferation Pigmentation	Moderate Mild Mild
* Stom Gland			
Note: TGL #2-NCL			

**PRIMARY CAUSE OF DEATH**

- Liver Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 297

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 600 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603757

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Bone Marrow		Hyperplasia	Mild
* Liver		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Moderate
* Nose	Olfactory Epi	Degeneration	Marked
		Exudate	Suppurative, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Testes		Mineralization	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 298

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 10

**DOSE:** 600 MG/KG

**DISP:** Natural Death

**HISTO:** 9603758

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Stomach, Glandular			

**OBSERVATIONS**

* Bone	Cranium	Fibrous Osteodystrophy	Marked
* Liver		Necrosis	Marked
* Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Degeneration	Mild
		Exudate	Suppurative, Mild
* Spleen	Lymphatic	Atrophy	Mild
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

- Liver Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 299

**TRT#:** 11  
**DOSE:** 600 MG/KG

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:** 62  
**HISTO:** 9603759

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Mammary Gland	* Parathyroid Gland	* Thymus
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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Stomach, Glandular			

**OBSERVATIONS**

* Liver		Necrosis	Moderate
		Vacuolization Cytoplasmic	Minimal
[ Necrosis TGLS = 1-3, 4, 5 ]			
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Mild
* Spleen	Lymphatic	Atrophy	Moderate
		Pigmentation	Moderate

**PRIMARY CAUSE OF DEATH**

- Liver Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 300

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 58

**DOSE:** 600 MG/KG

**DISP:** Dosing Accident

**HISTO:** 9603760

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver		Necrosis Vacuolization Cytoplasmic	Moderate Minimal
[ Necrosis TGLS = 1-3, 4, 5 ]			
* Nose	Olfactory Epi	Degeneration Exudate	Moderate Suppurative, Moderate
* Spleen	Lymphatic	Atrophy Hematopoietic Cell Proliferation Pigmentation	Mild Mild Mild
* Thymus		Atrophy	Mild
* Trachea			

Note: TGL #2-NCL

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 301

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603761

**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
* Uterus			

**OBSERVATIONS**

* Urinary Bladder	Edema	Mild
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 302

**TRT#:** 2  
**DOSE:** 0 MG/KG

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

**DAY ON TEST:** 93  
**HISTO:** 9603762

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex	Bilateral	Vacuolization Cytoplasmic	Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 303

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603763

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex	Bilateral	Vacuolization Cytoplasmic	Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 304

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603764

**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:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 305

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603765

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Butanal oxime

**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 03:56:35

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

**Lab:** BAT

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**ANIMAL ID:** 306

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603766

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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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

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**MISSING**

\* Thymus

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**OBSERVATIONS**

* Liver	Inflammation	Chronic Active, Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 307

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603767

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex	Vacuolization Cytoplasmic	Minimal
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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 308

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603768

**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:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 309

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603769

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Hydronephrosis	Mild
* Liver		Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 310

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603770

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

\* Adrenal Medulla  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Mammary Gland  
\* Parathyroid Gland  
\* Stomach, Forestomach  
\* Trachea

\* Blood Vessel  
\* Clitoral Gland  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Thymus  
\* Uterus

**OBSERVATIONS**

\* Liver  
\* Spleen

Inflammation  
Hematopoietic Cell Proliferation

Chronic Active, Minimal  
Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 311

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603771

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Nose

Spleen

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**OBSERVATIONS**

\* Liver

Tension Lipidosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 312

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603772

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 313

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603773

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 314

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603774

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 315

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603775

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 316

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603776

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 317

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603777

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

Spleen

---

**OBSERVATIONS**

Adrenal Cortex

Accessory Adrenal Cortical Nodule

Minimal

\* Liver

Inflammation

Chronic Active, Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 318

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603778

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

---

**OBSERVATIONS**

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 319

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603779

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

Spleen

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 320

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603780

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

\* Nose

Spleen

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic Active, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 322

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603782

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 323

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603783

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 324

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603784

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 325

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603785

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 326

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603786

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

\* Nose

Spleen

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 327

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603787

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 328

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603788

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Spleen

---

**OBSERVATIONS**

\* Liver

Inflammation

Chronic Active, Minimal

\* Nose

Olfactory Epi

Degeneration

Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 329

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603789

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 330

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603790

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 331	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9603791

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex	* Liver
----------------	---------

---

**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Mild
		Exudate	Suppurative, Minimal
Spleen		Pigmentation	Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 332	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9603792

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
* Liver	Spleen		
<b>OBSERVATIONS</b>			
* Nose	Olfactory Epi	Degeneration	Mild
<b>PRIMARY CAUSE OF DEATH</b>	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 333

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603793

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 334

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603794

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Cortex

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 335

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603795

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 336

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603796

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 337	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 100 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9603797

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

<b>NORMAL</b>			
* Liver	Spleen		
<b>OBSERVATIONS</b>			
* Nose	Olfactory Epi	Degeneration	Mild
<b>PRIMARY CAUSE OF DEATH</b>	-		

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 338

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603798

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 339

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603799

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Degeneration

Moderate

Exudate

Suppurative, Minimal

Spleen

Hematopoietic Cell Proliferation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Butanal oxime

**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 03:56:35

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

**Lab:** BAT

---

**ANIMAL ID:** 340

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603800

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

Spleen

---

**OBSERVATIONS**

Adrenal Cortex

Accessory Adrenal Cortical Nodule

Minimal

\* Nose

Olfactory Epi

Degeneration

Moderate

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 341

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603801

**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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**OBSERVATIONS**

* Liver		Vacuolization Cytoplasmic	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 342

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603802

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Clitoral Gland	* Pituitary Gland
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**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 343

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603803

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Adrenal Medulla	* Parathyroid Gland	* Pituitary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 344	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 200 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9603804

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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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

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**MISSING**

\* Pituitary Gland

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**OBSERVATIONS**

* Liver		Vacuolization Cytoplasmic	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 345

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603805

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

**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 346	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> 200 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9603806

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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	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

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**MISSING**

* Lymph Node, Mandibular	* Pituitary Gland
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**OBSERVATIONS**

* Nose	Olfactory Epi	Degeneration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 347

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603807

**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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**OBSERVATIONS**

* Liver		Vacuolization Cytoplasmic	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 348

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603808

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Adrenal Medulla

**OBSERVATIONS**

* Liver		Vacuolization Cytoplasmic	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 349

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603809

**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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

**MISSING**

* Pituitary Gland	* Urinary Bladder
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**OBSERVATIONS**

* Liver		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 350

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603810

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Adrenal Medulla	* Pituitary Gland
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**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Nose	Olfactory Epi	Degeneration	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 351	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 15
	<b>DOSE:</b> 600 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9603811

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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
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

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**MISSING**

\* Parathyroid Gland

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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Small, Ileum	* Intestine Small, Jejunum
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**OBSERVATIONS**

* Liver		Necrosis	Moderate
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Mild
* Spleen	Lymphatic	Atrophy	Moderate
* Thymus		Atrophy	Moderate

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**PRIMARY CAUSE OF DEATH** - Liver Necrosis

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 352	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 5
	<b>DOSE:</b> 600 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9603812

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Rectum	* Kidney	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Thymus	* Trachea		

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**MISSING**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Parathyroid Gland
* Thyroid Gland			

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**AUTO PRECLUDES DIAG.**

* Bone Marrow	* Islets, Pancreatic	* Nose	* Ovary
* Pancreas	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder	* Uterus		

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**OBSERVATIONS**

* Liver		Necrosis	Mild
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**PRIMARY CAUSE OF DEATH** - Liver Necrosis

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 353

**TRT#:** 12  
**DOSE:** 600 MG/KG

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 22  
**HISTO:** 9603813

**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
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

* Mammary Gland	* Pituitary Gland
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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Stomach, Forestomach	* Stomach, Glandular	

**OBSERVATIONS**

* Int Sm Duoden Note: TGL #3-NCL			
* Int Sm Ileum Note: TGL #5-NCL			
* Int Sm Jejunum Note: TGL#4-NCL			
* Liver [ Necrosis TGLS = 1-3, 4, 5 ]		Necrosis	Moderate
* Nose	Olfactory Epi	Degeneration	Marked
* Spleen	Lymphatic	Atrophy Pigmentation	Moderate Minimal
* Stom Gland Note: TGL #2-NCL			
* Thymus		Atrophy	Moderate

**PRIMARY CAUSE OF DEATH**

- Liver Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 354	<b>TRT#:</b> 12	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 85
	<b>DOSE:</b> 600 MG/KG	<b>DISP:</b> Natural Death	<b>HISTO:</b> 9603814

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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
* Heart	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Trachea	* Urinary Bladder	* Uterus	

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**MISSING**

* Parathyroid Gland	* Thyroid Gland
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**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Forestomach
* Stomach, Glandular			

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**OBSERVATIONS**

* Liver		Necrosis	Moderate
* Nose	Olfactory Epi	Degeneration	Moderate
* Spleen	Lymphatic	Atrophy	Moderate
		Pigmentation	Moderate
* Thymus		Atrophy	Mild

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<b>PRIMARY CAUSE OF DEATH</b>	- Liver Necrosis
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 355

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 600 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9603815

**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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Liver		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild

Note: TGL #1-NCL

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 356

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 14

**DOSE:** 600 MG/KG

**DISP:** Natural Death

**HISTO:** 9603816

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Clitoral Gland	* Gallbladder	* Intestine Small, Jejunum	* Parathyroid Gland
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**AUTO PRECLUDES DIAG.**

* Intestine Large, Cecum	* Urinary Bladder
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**OBSERVATIONS**

* Liver		Necrosis	Mild
* Nose	Olfactory Epi	Degeneration	Marked
* Spleen	Lymphatic	Atrophy	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 357

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 21

**DOSE:** 600 MG/KG

**DISP:** Natural Death

**HISTO:** 9603817

**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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Liver		Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
* Nose	Olfactory Epi	Degeneration	Marked
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

- Liver Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 358

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 21

**DOSE:** 600 MG/KG

**DISP:** Natural Death

**HISTO:** 9603818

**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, Ileum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**AUTO PRECLUDES DIAG.**

* Intestine Small, Duodenum	* Intestine Small, Jejunum
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**OBSERVATIONS**

* Liver		Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Minimal
* Spleen	Lymphatic	Atrophy	Mild
		Pigmentation	Mild
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 359

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 15

**DOSE:** 600 MG/KG

**DISP:** Natural Death

**HISTO:** 9603819

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

**MISSING**

* Clitoral Gland	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Parathyroid Gland			

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Ileum	* Lymph Node, Mesenteric
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**OBSERVATIONS**

* Liver		Necrosis	Moderate
		Vacuolization Cytoplasmic	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Mild
* Spleen	Lymphatic	Atrophy	Mild
		Pigmentation	Minimal
* Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

- Liver Necrosis

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88045-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Butanal oxime  
**CAS Number:** 110-69-0

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 03:56:36  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 360

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 53

**DOSE:** 600 MG/KG

**DISP:** Natural Death

**HISTO:** 9603820

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**AUTO PRECLUDES DIAG.**

* Gallbladder	* Intestine Large, Cecum
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**OBSERVATIONS**

* Liver		Necrosis	Marked
		Pigmentation	Minimal
		Vacuolization Cytoplasmic	Minimal
[ Necrosis TGLS = 1-3, 4, 5 ]			
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
		Exudate	Suppurative, Mild
* Spleen	Lymphatic	Atrophy	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

- Liver Necrosis

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

\* PROTOCOL REQUIRED TISSUE