

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C91005B
<b>Lock Date:</b>	05/12/1994
<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:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 301

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402901

**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:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 302

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402902

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver	Inflammation	Chronic Active, Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 303

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402903

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Mammary Gland	* Thymus
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**OBSERVATIONS**

* Parathyroid Gland	Cyst	Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 304

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402904

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

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

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 305

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402905

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

* Intestine Small, Duodenum	* Lymph Node, Mandibular	* Mammary Gland
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 306

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402906

**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:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 307

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402907

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

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Liver	Inflammation	Chronic Active, Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 308

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402908

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Mammary Gland

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 309

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402909

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Preputial Gland  
\* Skin  
\* Testes  
\* Urinary Bladder

\* Adrenal Medulla  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Nose  
\* Prostate  
\* Spleen  
\* Thymus

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

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Trachea

**MISSING**

\* Mammary Gland

\* Parathyroid Gland

**OBSERVATIONS**

\* Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 310

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402910

**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

**OBSERVATIONS**

\* Parathyroid Gland

Cyst

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 311	<b>TRT#:</b> 3 <b>DOSE:</b> 25 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9402911
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Liver		Inflammation	Chronic Active, Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Minimal

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

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 312	<b>TRT#:</b> 3 <b>DOSE:</b> 25 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9402912
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Liver	Urinary Bladder
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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 313	<b>TRT#:</b> 3 <b>DOSE:</b> 25 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9402913
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Liver	Urinary Bladder
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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

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

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 314	<b>TRT#:</b> 3 <b>DOSE:</b> 25 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9402914
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Liver	Urinary Bladder
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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

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

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 315

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402915

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Minimal

Liver

Inflammation

Chronic Active, Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

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

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 316

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402916

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Liver

Urinary Bladder

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**OBSERVATIONS**

Bone Marrow

Pigmentation

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Minimal

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

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 317	<b>TRT#:</b> 3 <b>DOSE:</b> 25 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9402917
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Liver	Urinary Bladder
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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 318	<b>TRT#:</b> 3 <b>DOSE:</b> 25 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9202918
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Liver	Urinary Bladder
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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 319

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9202919

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

---

**OBSERVATIONS**

Bone Marrow

Pigmentation

Minimal

Liver

Inflammation

Chronic Active, Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

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

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

<b>ANIMAL ID:</b> 320	<b>TRT#:</b> 3 <b>DOSE:</b> 25 MG/KG	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9402920
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Liver	Urinary Bladder
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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 321

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402921

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 322

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402922

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 323

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402923

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 324

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402924

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Kupffer Cell

Pigmentation

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:37  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 325

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402925

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 326

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402926

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 327

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402927

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 328

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402928

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 329

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402929

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Kupffer Cell

Pigmentation

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

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

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 330

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402930

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Kupffer Cell

Pigmentation

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

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

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 331

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402931

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Minimal

Liver

Hematopoietic Cell Proliferation

Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Moderate

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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 332

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402932

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Hematopoietic Cell Proliferation

Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Moderate

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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 333

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402933

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Hepatocyte

Necrosis

Mild

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Mild

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 334

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402934

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Hematopoietic Cell Proliferation

Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Mild

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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 335

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402935

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 336

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402936

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Hematopoietic Cell Proliferation

Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Moderate

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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 337

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402937

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 338

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402938

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Hematopoietic Cell Proliferation

Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Moderate

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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 339

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402939

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Hematopoietic Cell Proliferation

Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Mild

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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 340

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402940

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Kidney

Cyst

Mild

[ Cyst TGLS = 2-8: Cyst, Mild ]

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Mild

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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 341

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402941

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Adrenal Medulla	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Bone Marrow		Pigmentation	Mild
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 342

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402942

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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**OBSERVATIONS**

* Bone Marrow		Pigmentation	Moderate
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

[ Hematopoietic Cell Proliferation TGLS = 1-3:Hematopointic Cell Prolif, Red Pulp, Marked ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 343

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402943

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

* Bone Marrow		Pigmentation	Moderate
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 344

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402944

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

* Bone Marrow		Pigmentation	Moderate
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

[ Hematopoietic Cell Proliferation TGLS = 1-3:Hemapoietic Cell Prolif, Red Pulp, Marked ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 345

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402945

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

* Bone Marrow		Pigmentation	Moderate
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 346

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402946

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Intestine Small, Duodenum	* Mammary Gland
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**OBSERVATIONS**

* Bone Marrow		Pigmentation	Mild
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 347

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402947

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

* Bone Marrow		Pigmentation	Moderate
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 348

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402948

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Gallbladder	* Intestine Small, Duodenum	* Mammary Gland
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**OBSERVATIONS**

* Bone Marrow		Pigmentation	Mild
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 349

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402949

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

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

* Blood Vessel			
Note: Aorta on slide 02 with heart.			
* Bone Marrow		Pigmentation	Moderate
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 350

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 15

**DOSE:** 200 MG/KG

**DISP:** Dosing Accident

**HISTO:** 9402950

**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, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

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

\* Intestine Large, Colon

**OBSERVATIONS**

* Adren Cortex			
Note: Only one adrenal gland available for histopathological examination.			
* Kidney		Inflammation	Suppurative, Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Mild
* Pancreas		Inflammation	Chronic Active, Moderate
* Spleen	Capsule	Fibrosis	Mild
	Red Pulp	Hematopoietic Cell Proliferation	Marked
	[ Fibrosis TGLS = 1-3: Fibrosis, Capsule, Mild ]		
* Stomach, Forestomach		Inflammation	Chronic Active, Marked

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 352

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402952

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Brain  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Blood Vessel  
\* Clitoral Gland  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone  
\* Esophagus  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus  
\* Uterus

**MISSING**

\* Gallbladder

**OBSERVATIONS**

\* Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 353

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402953

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Esophagus	* Parathyroid Gland	* Trachea
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 354

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402954

**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	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

**MISSING**

* Intestine Small, Duodenum	* Ovary
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**OBSERVATIONS**

* Liver	Inflammation	Chronic Active, Minimal
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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 355

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402955

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

\* Adrenal Medulla  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

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

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

**OBSERVATIONS**

\* Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 356

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402956

**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, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**MISSING**

\* Intestine Small, Ileum

**OBSERVATIONS**

* Liver		Inflammation	Chronic Active, Minimal
* Pancreas	Duct	Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 357

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402957

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

**OBSERVATIONS**

* Liver	Inflammation	Chronic Active, Minimal
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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 358

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402958

**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:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 359

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402959

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Heart  
\* Intestine Small, Duodenum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Brain  
\* Intestine Large, Cecum  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

\* Blood Vessel  
\* Clitoral Gland  
\* Intestine Large, Colon  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus  
\* Uterus

\* Bone  
\* Esophagus  
\* Intestine Large, Rectum  
\* Kidney  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

**MISSING**

\* Gallbladder  
\* Intestine Small, Ileum

**OBSERVATIONS**

\* Liver  
Inflammation  
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 360

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402960

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Gallbladder  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Stomach, Forestomach  
\* Trachea

\* Adrenal Medulla  
\* Brain  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Mammary Gland  
\* Salivary Glands  
\* Stomach, Glandular  
\* Uterus

\* Blood Vessel  
\* Clitoral Gland  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Skin  
\* Thymus

\* Bone  
\* Esophagus  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Spleen  
\* Thyroid Gland

**MISSING**

\* Parathyroid Gland

\* Pituitary Gland

\* Urinary Bladder

**OBSERVATIONS**

\* Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 361	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 14
	<b>DOSE:</b> 25 MG/KG	<b>DISP:</b> Dosing Accident	<b>HISTO:</b> 9402961

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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	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Jejunum
Islets, Pancreatic	Kidney	Liver	Lymph Node, Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

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**MISSING**

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

Gallbladder	Intestine Small, Ileum
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**INSUFFICIENT TISSUE**

Pituitary Gland

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**OBSERVATIONS**

Esophagus		Perforation	
Heart	Pericardium	Inflammation	Chronic Active, Mild
Lung	Mediastinum, Serosa	Inflammation	Chronic Active, Mild
[ Inflammation TGLS = 1-2:Inflammation,Chr-Act,Serosa,Mediastinum,Mild ]			
Ovary			
Note: Only one ovary available for histopathological examination.			
Thymus		Necrosis	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 362

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402962

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Liver		Hematopoietic Cell Proliferation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 363

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402963

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

---

**OBSERVATIONS**

Liver

Inflammation

Chronic Active, Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

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

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 364	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 25 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402964

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Liver	Urinary Bladder
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**OBSERVATIONS**

Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 365

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402965

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Liver

Inflammation

Chronic Active, Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Mild

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

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 366

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402966

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

---

**OBSERVATIONS**

Liver

Inflammation

Chronic Active, Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Mild

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

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 367

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402967

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Liver

Inflammation

Chronic Active, Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

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

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 368

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402968

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Liver

Inflammation

Chronic Active, Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

[ Hematopoietic Cell Proliferation TGLS = 1-3Hematopoietic Cell Prolif, Red Pulp, Mild ]

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 369	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 25 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402969

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Liver	Urinary Bladder
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**OBSERVATIONS**

Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 370

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 25 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402970

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

---

**OBSERVATIONS**

Liver

Inflammation

Chronic Active, Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

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

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**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 371

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402971

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Minimal

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 372

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402972

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Liver		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

---

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

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 373	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 50 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402973

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Urinary Bladder

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**OBSERVATIONS**

Liver	Kupffer Cell	Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 374

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402974

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

---

**OBSERVATIONS**

Bone Marrow		Pigmentation	Minimal
Liver	Kupffer Cell	Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 375

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402975

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 376

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402976

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Liver		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 377

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402977

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Minimal

Liver

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Minimal

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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**ANIMAL ID:** 378

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402978

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Urinary Bladder

---

**OBSERVATIONS**

Liver		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

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

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 379

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402979

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Liver		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Minimal
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

---

**ANIMAL ID:** 380

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 50 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402980

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Liver

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**MISSING**

Urinary Bladder

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**OBSERVATIONS**

Spleen

Red Pulp

Hematopoietic Cell Proliferation  
Pigmentation

Mild  
Mild

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

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 381

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402981

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow		Pigmentation	Mild
Kidney	Renal Tubule	Pigmentation	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 382

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402982

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow		Pigmentation	Mild
Kidney	Renal Tubule	Pigmentation	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 383

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402983

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow		Pigmentation	Mild
Kidney	Renal Tubule	Pigmentation	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Mild
Spleen	Red Pulp	Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 384

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402984

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Minimal

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Mild

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 385

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402985

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Mild

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 386

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402986

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Minimal

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 387

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402987

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Mild

Kidney

Renal Tubule

Pigmentation

Minimal

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 388

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402988

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Minimal

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Mild

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 389

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402989

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Minimal

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Mild

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 390

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 100 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402990

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Urinary Bladder

**OBSERVATIONS**

Bone Marrow

Pigmentation

Minimal

Liver

Hematopoietic Cell Proliferation

Minimal

Inflammation

Chronic Active, Minimal

Kupffer Cell

Pigmentation

Mild

Spleen

Red Pulp

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Mild

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 391

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402991

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Bone Marrow		Pigmentation	Mild
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 392

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402992

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Pigmentation	Mild
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 393

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402993

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Pigmentation	Minimal
* Kidney	Renal Tubule	Pigmentation	Mild
		Pigmentation	Moderate
* Liver		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 394

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402994

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Pigmentation	Mild
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 395

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402995

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Bone Marrow		Pigmentation	Minimal
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 396

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402996

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Bone Marrow		Pigmentation	Mild
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 397

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402997

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Bone Marrow		Pigmentation	Mild
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 398	<b>TRT#:</b> 10	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 92
	<b>DOSE:</b> 200 MG/KG	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 9402998

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

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**OBSERVATIONS**

* Bone Marrow		Pigmentation	Mild
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 399

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 200 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:** 9402999

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Bone Marrow		Pigmentation	Mild
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 91005-04  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Methylene blue trihydrate  
**CAS Number:** 7220-79-3

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 22:13:38  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 400

**TRT#:** 10  
**DOSE:** 200 MG/KG

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

**DAY ON TEST:** 92  
**HISTO:** 9403000

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Intestine Small, Duodenum

**OBSERVATIONS**

* Bone Marrow		Pigmentation	Mild
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
	Kupffer Cell	Pigmentation	Moderate
* Spleen	Red Pulp	Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate

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

**PRIMARY CAUSE OF DEATH** -

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

\* PROTOCOL REQUIRED TISSUE