

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**C Number:** C60377  
**Lock Date:** Not Entered.  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date:** 09/28/1990

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
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**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 723
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852020

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Minimal
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1-11		
Spleen		Hyperplasia	Lymphoid, Mild
Stomach	Glandular	Mineralization	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 723
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852021

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Epididymis	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Esophagus	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Mast Cell Tumor Malignant	
Brain	Thalamus	Mineralization	Mild
Gallbladder		Inflammation	Chronic Active, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mandibular	Mast Cell Tumor Malignant	
Stomach	Forestomach	Mast Cell Tumor Malignant	
Testes	Seminif Tub	Atrophy	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 3                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 140  
**DOSE:** UNTREATD CONTROL                      **DISP:** Dead                      **HISTO:** A83028337

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Islets, Pancreatic
Kidney	Liver	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

**OBSERVATIONS**

Adrenal Gland	Cortex, Extra Adr Tiss	Accessory Adrenal Cortical Nodule	
	Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Lung		Congestion	Mild
		Inflammation	Acute, Minimal
Lymph Node	Iliac	Hyperplasia	Lymphoid, Marked
	Inguinal	Hyperplasia	Lymphoid, Mild
	Mandibular	Hyperplasia	Reticulum Cell, Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA    TGLs = 1,3-8+14			
Prostate		Hemorrhage	Moderate
		Inflammation	Chronic Active, Moderate
Skin		Ulcer	Moderate
Note: ULCER            TGLs = 2-13			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**                      -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852023

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:25  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 455
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Dead	<b>HISTO:</b> A84031679

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Small - Duodenum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

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**MISSING**

Mammary Gland

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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Urinary Bladder		

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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Dilatation	Mild
	Renal Tubule	Mineralization	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Prostate		Inflammation	Acute, Moderate
Skin	Prepuce	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-21			
Testes	Seminif Tub	Giant Cell	Mild
Thymus	Cortex	Necrosis	Moderate
Urethra		Inflammation	Acute, Moderate

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 723
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852025

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex	Adenoma	
	Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Eye		Phthisis Bulbi	Marked
Note: PHTHISIS BULBI	TGLs = 1-6		
Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 4-13		
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
Nose		Exudate	Purulent, Mild
	Nasolacrim Dct	Inflammation	Acute, Mild
Skin	Dermis	Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 2,3-12		
Testes	Seminif Tub	Atrophy	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 694
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Dead	<b>HISTO:</b> A852026

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone

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**MISSING**

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

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

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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 723
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Blood			
Note: BLOOD SMEAR REVEALED POLYCHROMASIA, ANISOCYTOSIS AND IMMATURE LEUKOCYTES.			
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum	Adenocarcinoma	
Note: ADENOCARC TGLs = 8-14			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 6-13			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 7-6			
Skin		Fibrosarcoma	
Note: FIBROSARC TGLs = 2,3,4-11+12			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 5-8			
Stomach	Glandular	Mineralization	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:25

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

**Lab:** SRI

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**ANIMAL ID:** 8

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 723

**DOSE:** UNTREATD CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A852027

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 723
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852028

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex	Clear Cell Focus	Mild
	Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hyperplasia	Lymphoid, Minimal
Skin	Dermis	Inflammation	Chronic, Minimal

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Note: INFLAMMATION TGLs = 1-11

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PRIMARY CAUSE OF DEATH

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Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

<b>ANIMAL ID:</b> 10	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 723
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland			
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
	Lymphocyte, Mesenteric	Necrosis	Mild
Nose	Vomeronas Org	Exudate	Purulent, Mild
	Vomeronas Org	Foreign Body	Mild
Tooth	Incisor	Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852030

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 2-6		
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1-11		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM MAL TGLs = 4-11	Medulla	Pheochromocytoma Malignant	
Brain	Thalamus	Mineralization	Mild
Heart	Artery	Polyarteritis	Chronic, Mild
Intestine Small Note: HYPERPLASIA TGLs = 5-12+12.1	Jejunum, Lymphoid Tiss Jejunum, Lymphoid Tiss	Hyperplasia Inflammation	Lymphoid, Moderate Chronic, Mild
Kidney	Renal Tubule	Mineralization Nephropathy	Minimal Minimal
Liver Note: HEPATOCLR CARC TGLs = 6-13	Artery	Polyarteritis Hepatocellular Carcinoma	Chronic, Mild
Lymph Node Note: HYPERPLASIA TGLs = 1-7	Mesenteric Inguinal	Hematopoietic Cell Proliferation Hyperplasia	Mild Lymphoid, Moderate
Nose		Exudate Foreign Body	Purulent, Mild Mild
Preputial Gland Note: ECTASIA TGLs = 2,3-14	Duct	Ectasia Inflammation	Moderate Chronic, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 12	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 723
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852031

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Testes		Polyarteritis	Chronic, Minimal
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PRIMARY CAUSE OF DEATH	-		
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 687

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A852032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Blood			
Note: BLOOD SMEAR REVEALED POLYCHROMASIA, AND LEUKOCYTOSIS			
Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Brain	Thalamus	Mineralization	Mild
Heart		Inflammation	Chronic, Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver	Hepatocyte	Hematopoietic Cell Proliferation	Minimal
		Necrosis	Mild
Note: NECROSIS TGLs = 6-14			
Lymph Node	Inguinal	Hyperplasia	Plasma Cell, Moderate
	Lymphocyte, Mesenteric	Necrosis	Minimal
Skin		Fibrosarcoma	
Note: FIBROSARC TGLs = 2,3-11+12			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 5-8			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 14	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 644
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Moribund	<b>HISTO:</b> A852033

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Minimal
Heart	Interstitium	Fibrosis	Minimal
Kidney		Nephropathy	Moderate
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 15	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 724
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852034

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver	Sinusoid	Dilatation	Minimal
Lung	Perivascular	Inflammation	Chronic, Moderate
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose		Exudate	Purulent, Mild
Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
Tooth	Incisor	Developmental Malformation	Moderate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 724

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Gallbladder		Inflammation	Chronic Active, Mild
Kidney		Cyst	Mild
		Nephropathy	Minimal
Seminal Vesicle		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 2-7			
Stomach	Glandular, Mucosa	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 17      **TRT#:** 1      **SEX:** Male      **DAY ON TEST:** 724  
**DOSE:** UNTREATD CONTROL      **DISP:** Terminal Sacrifice      **HISTO:** A852036

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex Cortex, Spindle Cell	Hyperplasia Hyperplasia	Focal, Minimal Mild
Bone Marrow		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Brain	Thalamus	Mineralization	Mild
Epididymis		Hypospermia	Marked
Kidney	Bilateral	Alveolar/Bronchiolar Carcinoma Infarct Nephropathy	Metastatic (Lung) Chronic, Moderate Mild
Note: INFARCT      TGLs = 4-8+8.1 Note: ALV BRON CARC      TGLs = 2,3-8+8.1			
Lung		Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALV BRON ADEN      TGLs = 5-6 Note: ALV BRON CARC      TGLs = 5-6			
Lymph Node	Mesenteric	Angiectasis	Minimal
Salivary Glands	Duct, Submandibul GI	Hyperplasia	Mild
Testes		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Note: ALV BRON CARC      TGLs = 1-7			
Thyroid Gland	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:25

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

**Lab:** SRI

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**ANIMAL ID:** 17

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 724

**DOSE:** UNTREATD CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A852036

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 724

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852037

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Heart	Interstitium	Fibrosis	Mild
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic, Moderate
Note: ECTASIA	TGLs = 2-12		
Stomach	Glandular	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 644

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A852038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Harderian Gland		Adenoma	
Kidney		Nephropathy	Moderate
Liver	Hepatocyte	Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
Note: HEPATOCLR CARC TGLs = 2,4,5-4+12+14+15			
Note: NECROSIS TGLs = 3-13			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 6-6			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Submucosa	Cyst	Mild
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

<b>ANIMAL ID:</b> 20	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 724
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852039

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland	Thymus		
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
Lung	Glands, Peribronchial	Exudate	Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
Nose		Inflammation	Acute, Mild
Pancreas	Acinar Cell	Atrophy	Mild
Stomach	Glandular, Mucosa	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-		
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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 725
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852040

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex	Clear Cell Focus	Mild
Kidney		Nephropathy	Mild
Skin		Fibroma	
	Dermis	Inflammation	Chronic, Moderate

Note: INFLAMMATION TGLs = 1-11  
Note: FIBROMA TGLs = 2-12

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 618

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A852041

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland	Parathyroid Gland	Thymus
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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Minimal
Nose		Inflammation	Chronic Active, Moderate
Skin		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Tooth	Incisor	Developmental Malformation	Moderate
Note: DEVELOP MALFOR TGLs = 1-10			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:25  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 23	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 518
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Dead	<b>HISTO:</b> A852042

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large - Colon	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland	Thymus
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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Hepatocellular Carcinoma	Metastatic (Liver)
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3,4-12+13			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 5,6-6			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			
Tissue NOS	Mediastinum	Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 7-14			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A852043

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Nose  
Prostate  
Stomach - Glandular

Bone  
Heart  
Intestine Small - Duodenum  
Liver  
Pancreas  
Salivary Glands  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lung  
Parathyroid Gland  
Seminal Vesicle  
Urinary Bladder

Epididymis  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Pituitary Gland  
Stomach - Forestomach

**MISSING**

Mammary Gland

**AUTO PRECLUDES DIAG.**

Gallbladder

**OBSERVATIONS**

Adrenal Gland  
Brain  
Kidney  
Skin

Cortex, Spindle Cell  
Thalamus

Hyperplasia  
Mineralization  
Nephropathy  
Sarcoma

Minimal  
Minimal  
Minimal

Note: SARCOMA TGLs = 1-11

Spleen  
Testes  
Thymus  
Thyroid Gland

Seminif Tub  
Follicular Cel

Hematopoietic Cell Proliferation  
Giant Cell  
Atrophy  
Adenoma

Mild  
Mild  
Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 25	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 27
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Dead	<b>HISTO:</b> A83027883

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Rectum
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea		

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**MISSING**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Mammary Gland	Preputial Gland
Thymus			

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**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Urinary Bladder		

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**OBSERVATIONS**

Lung	Congestion	Moderate
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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 463

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A84031680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Heart	Islets, Pancreatic	Kidney
Liver	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Mammary Gland
Pituitary Gland			

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Brain	Thalamus	Mineralization	Minimal
Lung		Sarcoma	Metastatic (Skin)
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Moderate
Seminal Vesicle		Depletion Cellular	Mild
Note: DEPLETION TGLs = 5-9			
Skin	Dermis	Inflammation	Chronic, Marked
	Dermis	Inflammation	Chronic, Mild
		Sarcoma	
Note: SARCOMA TGLs = 3-22			
Note: SECONDARY LEUKEMOID REACTION SEEN IN MULTIPLE ORGANS DUE TO			
Note: THE PRESENCE OF THE SKIN NEOPLASM.			
Note: INFLAMMATION TGLs = 1,2-21+22			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 4-2			
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 27      **TRT#:** 1      **SEX:** Male      **DAY ON TEST:** 725  
**DOSE:** UNTREATD CONTROL      **DISP:** Terminal Sacrifice      **HISTO:** A852046

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Blood Vessel	Aorta	Inflammation	Chronic, Mild
Brain	Thalamus	Mineralization	Mild
Epididymis		Fibrosis	Moderate
		Inflammation	Chronic, Mild
Heart	Interstitialium	Fibrosis	Mild
Kidney		Nephropathy	Moderate
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC			
TGLs = 4-12			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: ANGIECTASIS			
TGLs = 3-6			
Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic, Mild
Note: ECTASIA			
TGLs = 2-13			
Skin	Dermis	Inflammation	Chronic, Moderate
Note: INFLAMMATION			
TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 27

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 725

**DOSE:** UNTREATD CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A852046

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thymus

Cyst

Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

**ANIMAL ID:** 28

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 725

**DOSE:** UNTREATD CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A852047

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Pituitary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Minimal
Skin	Dermis	Inflammation	Chronic, Minimal

Note: INFLAMMATION TGLs = 1-11

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 725

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852048

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Gallbladder	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mesenteric	Inflammation	Acute, Minimal
Skin		Fibroma	
		Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-12		
Note: FIBROMA	TGLs = 2-11		
Spleen		Hyperplasia	Lymphoid, Mild
Stomach	Glandular	Mineralization	Minimal
	Glandular	Ulcer	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 30

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 711

**DOSE:** UNTREATD CONTROL

**DISP:** Moribund

**HISTO:** A852049

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Epididymis		Hypospermia	Mild
Intestine Small	Ileum	Inflammation	Acute, Mild
Kidney	Prox Con Tub	Degeneration	Hyaline, Moderate
		Leukemia Granulocytic	
Liver		Leukemia Granulocytic	
Note: LEUKEMIA GRAN	TGLs = 4-4		
Lung		Leukemia Granulocytic	
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Leukemia Granulocytic	
Nose	Nasolacrim Dct	Foreign Body	Minimal
Skin		Fibrosarcoma	Multiple
	Dermis	Inflammation	Chronic, Mild
Note: FIBROSARC	TGLs = 1,2-11+12		
Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Granulocytic	
Note: HEMA CELL PROL	TGLs = 3-8		
Note: LEUKEMIA GRAN	TGLs = 3-8		
Testes	Seminif Tub	Atrophy	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 30	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 711
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Moribund	<b>HISTO:</b> A852049

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thyroid Gland	Follicle	Cyst	Mild
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PRIMARY CAUSE OF DEATH	-		
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 725

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Blood			
Note: BLOOD SMEAR REVEALED POLYCHROMASIA, ANISOCYTOSIS AND			
Note: LEUKOCYTOSIS.			
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Parathyroid Gland		Cyst	Mild
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 4-13			
Skin		Fibrosarcoma	Multiple
Note: FIBROSARC TGLs = 2,3-11+12			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 6-8			
Stomach	Glandular	Mineralization	Mild
Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:25

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

**Lab:** SRI

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**ANIMAL ID:** 31

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 725

**DOSE:** UNTREATD CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A852050

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852051

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Pancreas	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland	Pituitary Gland
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**INSUFFICIENT TISSUE**

Parathyroid Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-12			
Kidney		Nephropathy	Mild
Liver		Hematopoietic Cell Proliferation	Moderate
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Inguinal	Hyperplasia	Lymphoid, Marked
Note: HYPERPLASIA TGLs = 2-7			
Note: HEMA CELL PROL TGLs = 5-6			
Preputial Gland		Abscess	Marked
Note: ABSCESS TGLs = 3-13			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-8			
Testes	Interstit Cell	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852051

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thymus		Atrophy	Mild
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<b>PRIMARY CAUSE OF DEATH</b>	-
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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Cortex	Hypertrophy	Focal, Mild
Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA	TGLs = 2-6		
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 1-11		
Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 34                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 728  
**DOSE:** UNTREATD CONTROL                      **DISP:** Terminal Sacrifice                      **HISTO:** A852053

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Mild
Brain	Thrd Ventrcl	Lipoma	
	Thalamus	Mineralization	Mild
Heart	Interstitium	Fibrosis	Mild
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Cyst	Minimal
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 1-11		
Stomach	Glandular, Mucosa	Hyperplasia	Mild
Thyroid Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 35	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 644
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Moribund	<b>HISTO:</b> A852054

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Liver	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-13			
Kidney		Nephropathy	Minimal
Lung		Hemorrhage	Mild
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-6+12			
Parathyroid Gland		Cyst	Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-8			
Stomach	Glandular, Mucosa	Hyperplasia	Mild
Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Cyst	Mild
	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Mild
Lung		Alveolar/Bronchiolar Carcinoma	
		Hemorrhage	Moderate
Note: ALV BRON CARC TGLs = 2-6			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: ANGIECTASIS TGLs = 1-6			
Stomach	Glandular	Mineralization	Minimal
Thymus		Cyst	Mild
Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 37	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852056

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Liver	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Cyst	Minimal
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 2-6		
Nose		Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic, Mild
Note: ECTASIA	TGLs = 3-12		
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1-11		
Thymus		Cyst	Mild
		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 604

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A852057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Heart	Interstitium	Fibrosis	Minimal
Kidney	Cortex, Renal Tubule	Necrosis	Acute, Mild
		Nephropathy	Minimal
Liver	Hepatocyte	Necrosis	Moderate
Note: NECROSIS	TGLs = 7-4		
Lymph Node	Inguinal	Sarcoma	Metastatic (Skin)
Note: SARCOMA	TGLs = 5-7		
Skin		Sarcoma	
		Ulcer	Moderate
Note: SARCOMA	TGLs = 3,4-12+13		
Note: ULCER	TGLs = 1,2-11		
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 6-8		
Testes	Seminif Tub	Degeneration	Mild
	Seminif Tub	Giant Cell	Mild
Thymus		Atrophy	Mild
		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:25

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

**Lab:** SRI

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**ANIMAL ID:** 38

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 604

**DOSE:** UNTREATD CONTROL

**DISP:** Moribund

**HISTO:** A852057

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow		Hemangiosarcoma	
Intestine Small	Jejunum, Lymphoid Tiss	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 4-12			
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: ANGIECTASIS TGLs = 3-6			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			
Spleen		Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 2-8			
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

**ANIMAL ID:** 40

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** UNTREATD CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A852059

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 2-11		
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 1-12		
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Atrophy	Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 644

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A852060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Cortex	Hypertrophy	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Hypertrophy	Mild
		Nephropathy	Minimal
Note: EOSINOPHILIC MATERIAL IN CYTOPLASM OF HYPERTROPHIC CELLS.			
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 2,3-11+12			
Lymph Node	Mesenteric	Angiectasis	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymphocyte	Necrosis	Mild
Thymus		Cyst	Mild
	Cortex	Necrosis	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 647

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A852061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Minimal
Heart	Interstitium	Fibrosis	Mild
Kidney		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Inflammation	Acute, Minimal
	Mesenteric	Thrombosis	Moderate
Note: INFLAMMATION TGLs = 8-6			
Preputial Gland	Duct	Ectasia	Mild
Note: ECTASIA TGLs = 6-15			
Skin	Epithelium	Hyperplasia	Moderate
		Sarcoma	
		Ulcer	Moderate
Note: ULCER TGLs = 2-11			
Note: SARCOMA TGLs = 3,4,5-12+13+15			
Note: HYPERPLASIA TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:25

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

**Lab:** SRI

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**ANIMAL ID:** 42

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 647

**DOSE:** UNTREATD CONTROL

**DISP:** Moribund

**HISTO:** A852061

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HEMA CELL PROL TGLs = 7-8

Thyroid Gland

Follicle

Cyst

Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-14			
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 6-6			
Skin	Epithelium	Fibroma	
		Hyperplasia	Moderate
		Parakeratosis	Mild
Note: HYPERPLASIA TGLs = 2,3-12			
Note: PARAKERATOSIS TGLs = 1-11			
Note: FIBROMA TGLs = 4-13			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Mild
Thymus		Cyst	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 511

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A852063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Epididymis  
Islets, Pancreatic  
Nose  
Salivary Glands  
Stomach - Glandular

Adrenal Gland - Medulla  
Esophagus  
Liver  
Pancreas  
Seminal Vesicle  
Testes

Bone  
Heart  
Lung  
Parathyroid Gland  
Skin  
Thyroid Gland

Brain  
Intestine Large - Rectum  
Lymph Node - Mandibular  
Pituitary Gland  
Stomach - Forestomach  
Trachea

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder  
Intestine Small - Ileum

Intestine Large - Cecum  
Intestine Small - Jejunum

Intestine Large - Colon  
Urinary Bladder

Intestine Small - Duodenum

OBSERVATIONS

Bone Marrow  
Kidney

Myeloid Cell  
Pelvis

Hyperplasia  
Inflammation  
Inflammation

Moderate  
Acute, Marked  
Acute, Marked

Note: INFLAMMATION TGLs = 5-8

Lymph Node  
Prostate  
Spleen  
Thymus  
Urethra

Mesenteric  
  
  
  
Bulboureth GI

Inflammation  
Inflammation  
Hyperplasia  
Atrophy  
Inflammation

Acute, Mild  
Chronic Active, Moderate  
Reticulum Cell, Mild  
Marked  
Acute, Moderate

Note: INFLAMMATION TGLs = 6-12

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Minimal
Epididymis		Spermatocele	Marked
Note: SPERMATOCELE TGLs = 5-7			
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HEMA CELL PROL TGLs = 4-6			
Skin	Epithelium	Fibroma	Mild
		Hyperplasia	Moderate
		Ulcer	
Note: FIBROMA TGLs = 3-12			
Note: ULCER TGLs = 1,2-11			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 46	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 418
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Dead	<b>HISTO:</b> A84031177

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Colon
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

**MISSING**

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

Gallbladder	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney	Renal Tubule	Mineralization	Minimal
Lung	Pleura	Fibrosis	Minimal
		Inflammation	Acute, Minimal
Penis		Inflammation	Acute, Moderate
Prostate		Inflammation	Acute, Mild
Skin	Dermis	Inflammation	Acute, Marked
	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1,3-21+45		
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus	Cortex	Necrosis	Moderate
Urethra		Inflammation	Acute, Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 610

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A852066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Testes
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-8			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 4-12			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
Skin		Sarcoma	
Note: SARCOMA TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-8			
Stomach	Glandular	Mineralization	Mild
Thyroid Gland		Ultimobranchial Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 647

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A852067

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Pituitary Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Kidney		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 2,3-12+13			
Lymph Node	Mesenteric	Angiectasis	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: ANGIECTASIS TGLs = 4,5-6			
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Mineralization	Minimal
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 49                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 536  
**DOSE:** UNTREATD CONTROL                      **DISP:** Moribund                      **HISTO:** A852068

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland	Pituitary Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Cortex	Hypertrophy	Focal, Minimal
Kidney	Medulla	Congestion	Mild
	Renal Tubule	Dilatation	Mild
Note: CONGESTION    TGLs = 7-8			
Note: DILATATION    TGLs = 6-8			
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mesenteric	Inflammation	Acute, Minimal
Note: ANGIECTASIS    TGLs = 8-6			
Nose	Lumen	Hemorrhage	Mild
Preputial Gland		Inflammation	Chronic, Marked
Note: INFLAMMATION    TGLs = 2-13			
Prostate		Inflammation	Chronic, Mild
Seminal Vesicle		Inflammation	Chronic, Mild
Note: INFLAMMATION    TGLs = 5-7			
Skin	Dermis	Fibrosis	Mild
	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION    TGLs = 3-12			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 49	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 536
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Moribund	<b>HISTO:</b> A852068

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: FIBROSIS	TGLs = 1-11			
Spleen		Lymphocyte	Necrosis	Mild
Thymus			Cyst	Minimal
		Cortex	Necrosis	Mild
Thyroid Gland		Follicle	Cyst	Mild
Urethra		Bulboureth GI	Ectasia	Moderate
			Inflammation	Acute, Mild

Note: ECTASIA TGLs = 9-14

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PRIMARY CAUSE OF DEATH

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Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852069

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Parathyroid Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Heart	Interstitium	Fibrosis	Mild
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 2-12		
Note: HEPATOCLR ADEN	TGLs = 1-4+11		
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Mineralization	Minimal
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 571

DOSE: 5.0%

DISP: Moribund

HISTO: A852080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 4-11			
Lymph Node	Mesenteric	Inflammation	Acute, Mild
	Mesenteric	Pigmentation	Minimal
Note: INFLAMMATION TGLs = 6-6			
Note: PIGMENT TGLs = 6-6			
Preputial Gland	Duct	Ectasia	Marked
Note: ECTASIA TGLs = 3-12			
Spleen	Lymphocyte	Necrosis	Mild
Note: NECROSIS TGLs = 5-8			
Stomach	Forestomach	Hyperkeratosis	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

**ANIMAL ID:** 62

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 151

**DOSE:** 5.0%

**DISP:** Dead

**HISTO:** A83028522

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Islets, Pancreatic  
Pancreas  
Seminal Vesicle  
Testes

Adrenal Gland - Medulla  
Epididymis  
Kidney  
Parathyroid Gland  
Skin  
Thyroid Gland

Bone  
Esophagus  
Liver  
Pituitary Gland  
Stomach - Forestomach  
Trachea

Bone Marrow  
Heart  
Nose  
Prostate  
Stomach - Glandular

**MISSING**

Mammary Gland

Salivary Glands

**AUTO PRECLUDES DIAG.**

Gallbladder  
Intestine Small - Duodenum  
Spleen

Intestine Large - Cecum  
Intestine Small - Ileum  
Urinary Bladder

Intestine Large - Colon  
Intestine Small - Jejunum

Intestine Large - Rectum  
Lymph Node - Mandibular

**OBSERVATIONS**

Lung  
Note: CONGESTION TGLs = 1-4  
Thymus

Cortex

Congestion

Necrosis

Moderate

Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:25  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 63	TRT#: 3 DOSE: 5.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 723 HISTO: A852082
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	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	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Testes
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 4-12			
Note: HEPATOCLR ADEN TGLs = 3-11			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mandibular	Hyperplasia	Lymphoid, Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: ANGIECTASIS TGLs = 6-6			
Note: HYPERPLASIA TGLs = 7-4			
Pituitary Gland	Pars Distalis	Cyst	Minimal
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular, Mucosa	Hyperplasia	Mild
	Glandular	Mineralization	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:25  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 64	TRT#: 3 DOSE: 5.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 723 HISTO: A852083
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Heart	Interstitium	Fibrosis	Minimal
Kidney		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 2,3-12+13			
Lymph Node	Mesenteric	Pigmentation	Mild
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Inflammation	Acute, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:25  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 65	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 559 <b>HISTO:</b> A852084
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Liver	Lung	Lymph Node - Mandibular	Nose
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Testes	Thyroid Gland		

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**MISSING**

Gallbladder	Islets, Pancreatic	Mammary Gland	Pancreas
Parathyroid Gland	Spleen		

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**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Glandular	Trachea
Urinary Bladder			

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**OBSERVATIONS**

Coagulating Gland Note: DILATATION TGLs = 5-7	Lumen	Dilatation	Moderate
Kidney	Renal Tubule	Mineralization	Mild
Prostate		Inflammation	Acute, Mild
Seminal Vesicle Note: DILATATION TGLs = 4-7	Lumen	Dilatation	Moderate
Thymus	Cortex	Necrosis	Mild
Urethra	Bulboureth GI	Inflammation	Acute, Mild
		Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 6-11			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 700

DOSE: 5.0%

DISP: Moribund

HISTO: A852085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Minimal
Heart	Myocardium	Degeneration	Mild
	Interstitium	Fibrosis	Moderate
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 5,6-12+13			
Lung		Hemorrhage	Moderate
		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEMORRHAGE TGLs = 7-6			
Lymph Node	Mesenteric	Angiectasis	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Pigmentation	Minimal
Note: ANGIECTASIS TGLs = 4-6			
Note: PIGMENT TGLs = 4-6			
Skin		Fibrosarcoma	
Note: FIBROSARC TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Moderate
		Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:25

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

**Lab:** SRI

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**ANIMAL ID:** 66

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 700

**DOSE:** 5.0%

**DISP:** Moribund

**HISTO:** A852085

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:25  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 67	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 723 <b>HISTO:</b> A852086
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Bone	Joint	Arthrosis	Mild
Brain	Thalamus	Mineralization	Mild
Heart	Interstitium	Fibrosis	Minimal
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Thymus		Cyst	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:25

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 723

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852087

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 3,4-11+12			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 7-6			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 5-6			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 724

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852088

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Testes	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Adenoma	
	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular, Mucosa	Hyperplasia	Moderate
	Forestomach	Inflammation	Acute, Minimal
	Glandular	Mineralization	Mild
Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 724

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Epididymis		Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 7-13			
Intestine Small	Ileum, Lymphoid Tiss	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 5-12			
Kidney		Nephropathy	Mild
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 6-6		Hemorrhage	Moderate
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 4-6			
Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic, Mild
Note: ECTASIA TGLs = 3-11			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Inflammation	Acute, Minimal
	Glandular	Mineralization	Mild
Tooth	Incisor	Developmental Malformation	Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:26

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

**Lab:** SRI

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**ANIMAL ID:** 70

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 724

**DOSE:** 5.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852089

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 603

DOSE: 5.0%

DISP: Moribund

HISTO: A852090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Eye		Phthisis Bulbi	Marked
Note: PHTHISIS BULBI	TGLs = 1-13		
Heart		Inflammation	Acute, Mild
Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA	TGLs = 8-6		
Skin		Sarcoma	Multiple
Note: SARCOMA	TGLs = 4,5,6-11+12		
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 7-8		
Stomach	Glandular	Mineralization	Mild
Testes	Seminif Tub	Atrophy	Mild
	Seminif Tub	Mineralization	Mild
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 724

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Hyperplasia	Lymphoid, Mild
	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT TGLs = 8-5+5.1+15			
Kidney	Cortex	Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
Lymph Node	Mesenteric	Pigmentation	Mild
Note: PIGMENT TGLs = 7-6			
Pituitary Gland	Pars Distalis	Cyst	Moderate
Skin	Dermis	Fibroma	Multiple
		Inflammation	Chronic, Minimal
		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 6-14			
Note: INFLAMMATION TGLs = 5-13			
Note: FIBROMA TGLs = 3,4-11+12			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 672

DOSE: 5.0%

DISP: Moribund

HISTO: A852092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Extra Adr Tiss	Accessory Adrenal Cortical Nodule	
	Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node	Mesenteric	Angiectasis	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: ANGIECTASIS	TGLs = 4-6		
Skin		Ulcer	Marked
Note: ULCER	TGLs = 3-11		
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Mild
		Cyst	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:26  
 First Dose M/F: NA / NA  
 Lab: SRI

**ANIMAL ID:** 74      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 648  
**DOSE:** 5.0%      **DISP:** Moribund      **HISTO:** A852093

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Cortex	Hypertrophy	Focal, Mild
Bone Marrow	Erythroid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Gallbladder	Epithelium	Cytoplasmic Alteration	Moderate
Heart	Myocardium	Degeneration	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Kidney		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-11			
Lung		Congestion	Mild
Lymph Node	Mesenteric	Angiectasis	Mild
Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Acute, Marked
Note: ECTASIA TGLs = 3-12			
Note: INFLAMMATION TGLs = 3-12			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-8			
Stomach	Forestomach	Hyperkeratosis	Mild
	Epithelium, Forestomach	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 6-5			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 74

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 648

**DOSE:** 5.0%

**DISP:** Moribund

**HISTO:** A852093

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 75	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 673 <b>HISTO:</b> A852094
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 8-13			
Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5,6-11+12			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 9-14			
Lung		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 10-6			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 7,11-6+15			
Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Acute, Marked
Note: ECTASIA TGLs = 3-16			
Note: INFLAMMATION TGLs = 3-16			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-8			
Thymus	Medulla	Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 75	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 673 <b>HISTO:</b> A852094
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<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
		Cyst	Moderate

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



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 724

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small	Duodenum, Lymphoid Tiss	Hyperplasia	Lymphoid, Moderate
	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: HYPERPLASIA	TGLs = 4,5-5+12		
Note: PIGMENT	TGLs = 5-5		
Kidney		Nephropathy	Mild
Liver		Inflammation	Acute, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mesenteric	Pigmentation	Minimal
Note: PIGMENT	TGLs = 6-6		
Note: HYPERPLASIA	TGLs = 6-6		
Skin		Fibroma	
Note: FIBROMA	TGLs = 1-11		
Thymus		Cyst	Minimal
Tooth	Incisor	Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 77	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 724 <b>HISTO:</b> A852096
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex	Hyperplasia Hypertrophy	Mild Focal, Mild
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 4,5-12+13			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 6-6			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 647

DOSE: 5.0%

DISP: Moribund

HISTO: A852097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Minimal
Lymph Node	Mandibular	Fibrosarcoma	Metastatic (Skin)
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 8-6			
Salivary Glands		Fibrosarcoma	Metastatic (Skin)
Note: FIBROSARC TGLs = 7-4			
Skin		Fibrosarcoma	
	Dermis	Fibrosis	Mild
	Dermis	Inflammation	Chronic, Mild
Note: FIBROSARC TGLs = 4,5-12+13			
Note: FIBROSIS TGLs = 3-11			
Note: INFLAMMATION TGLs = 6-14			
Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 79	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 725 <b>HISTO:</b> A852098
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Extra Adr Tiss Cortex, Spindle Cell Cortex	Accessory Adrenal Cortical Nodule Hyperplasia Hypertrophy	Mild Focal, Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney	Renal Tubule	Mineralization Nephropathy	Minimal Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 5-4+12			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 6-6			
Lymph Node	Mesenteric Mesenteric	Angiectasis Hematopoietic Cell Proliferation	Mild Mild
Note: ANGIECTASIS TGLs = 3-6			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 2-7+11			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 725

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Heart	Interstitium	Fibrosis	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Hyperplasia	Lymphoid, Marked
Note: HYPERPLASIA TGLs = 6,7-13			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Skin		Sarcoma	
Note: SARCOMA TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 5-8			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 81	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 469 <b>HISTO:</b> A852100
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Epididymis
Esophagus	Heart	Kidney	Lung
Parathyroid Gland	Skin	Thyroid Gland	Trachea

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**MISSING**

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

Bone Marrow	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Nose
Pancreas	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Urinary Bladder			

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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Preputial Gland	Duct	Ectasia	Moderate
Note: ECTASIA      TGLs = 3-11			
Thymus	Cortex	Necrosis	Marked

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 82	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 725
	<b>DOSE:</b> 5.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852101

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex	Clear Cell Focus	Focal, Mild
	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN	TGLs = 4-12		
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 5-6		
Skin	Dermis	Inflammation	Chronic, Mild
	Dermis	Mineralization	Mild
Note: INFLAMMATION	TGLs = 1-11		

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 725

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex	Hyperplasia Hypertrophy	Mild Focal, Mild
Epididymis		Granuloma Sperm	Mild
Intestine Small Note: HYPERPLASIA TGLs = 4-5	Jejunum, Lymphoid Tiss	Hyperplasia	Lymphoid, Moderate
Kidney	Renal Tubule	Dilatation Nephropathy	Mild Minimal
Lymph Node Note: CONGESTION TGLs = 5-6 Note: INFLAMMATION TGLs = 5-6	Mesenteric Mesenteric	Congestion Inflammation	Mild Acute, Mild
Preputial Gland Note: INFLAMMATION TGLs = 3-12		Inflammation	Chronic, Moderate
Skin Note: INFLAMMATION TGLs = 1-11	Dermis	Inflammation	Chronic, Mild
Stomach Note: PAPILLOMA SQUA TGLs = 6-5	Epithelium, Forestomach Forestomach	Hyperplasia Squamous Cell Papilloma	Mild
Testes	Seminif Tub	Dilatation	Mild
Thymus		Cyst	Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:26

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

**Lab:** SRI

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**ANIMAL ID:** 83

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 725

**DOSE:** 5.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852102

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 725

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Mild
Epididymis		Inflammation	Subacute, Mild
Liver	Hepatocyte	Necrosis	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Inflammation	Acute, Mild
Skin		Sarcoma	
Note: SARCOMA	TGLs = 1-11		
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 5-8		
Testes	Interstitial	Pigmentation	Mild
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Liver	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Gallbladder	Wall	Mucocele	Mild
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: ANGIECTASIS	TGLs = 6-6		
Skin		Fibrosarcoma	Multiple
Note: FIBROSARC	TGLs = 3,4-11+12		
Spleen		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 86	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 596 <b>HISTO:</b> A852105
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Mammary Gland	Thymus
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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Kidney		Nephropathy	Moderate
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 4-11			
Nose	Nasolacrim Dct	Exudate	Mild
Testes	Seminif Tub	Atrophy	Mild
	Seminif Tub	Giant Cell	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 87	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b> A852106
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow	Erythroid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small Note: PIGMENT TGLs = 5-4.1	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Kidney		Nephropathy	Mild
Liver Note: HEPATOCLR CARC TGLs = 6-12		Hepatocellular Carcinoma	
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Pigmentation	Minimal
Skin Note: INFLAMMATION TGLs = 3-7	Dermis	Inflammation	Chronic, Mild
Spleen Note: HEMA CELL PROL TGLs = 4-8		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular, Mucosa	Hyperplasia	Mild
Testes	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Hyperplasia	Lymphoid, Mild
	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: HYPERPLASIA TGLs = 4-5			
Note: PIGMENT TGLs = 4-5			
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: ALV BRON ADEN TGLs = 5-6			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mesenteric	Inflammation	Acute, Mild
	Mesenteric	Pigmentation	Mild
Skin		Sarcoma	
Note: SARCOMA TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Mineralization	Minimal
Thymus		Cyst	Mild
Tooth	Incisor	Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 89	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b> A852108
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Heart	Interstitium	Fibrosis	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Hyperplasia	Lymphoid, Mild
	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: HYPERPLASIA TGLs = 2-5			
Kidney	Renal Tubule	Hypertrophy	Minimal
Lymph Node	Mesenteric	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Cortex	Hypertrophy	Focal, Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Heart	Interstitium	Fibrosis	Minimal
Intestine Large	Cecum, Lymphoid Tiss	Pigmentation	Minimal
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: PIGMENT	TGLs = 9-5		
Note: LYMPH MAL MIXD	TGLs = 9-5		
Kidney		Nephropathy	Minimal
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 7-4+14		
Lymph Node	Inguinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Mesenteric	Pigmentation	Mild
Note: LYMPH MAL MIXD	TGLs = 6,8-6+7+16		
Note: PIGMENT	TGLs = 8-6		
Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic, Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:26

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

**Lab:** SRI

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**ANIMAL ID:** 90

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 5.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852109

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: INFLAMMATION TGLs = 5-15

Note: ECTASIA TGLs = 5-15

Skin

Sarcoma

Note: SARCOMA TGLs = 1,2,3-11+12+13

Spleen

Lymphoma Malignant Mixed

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 91	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> A852110
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Epididymis		Inflammation	Chronic, Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Mild
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Pigmentation	Mild
Spleen	Capsule	Inflammation	Chronic, Mild
Stomach	Glandular	Mineralization	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 672

DOSE: 5.0%

DISP: Moribund

HISTO: A852111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Focal, Mild
	Cortex, Spindle Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Minimal
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 6-4+14			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mesenteric	Pigmentation	Minimal
Mammary Gland	Acinus, Duct	Dilatation	Mild
Skin	Dermis	Inflammation	Chronic, Mild
	Dermis	Mineralization	Moderate
		Ulcer	Mild
Note: INFLAMMATION TGLs = 2-12			
Note: MINERALIZATION TGLs = 1-11			
Note: ULCER TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 5-13			
Stomach	Forestomach	Hyperkeratosis	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 92

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 672

**DOSE:** 5.0%

**DISP:** Moribund

**HISTO:** A852111

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thyroid Gland

Follicular Cel

Adenoma

Urinary Bladder

Inflammation

Chronic, Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

<b>ANIMAL ID:</b> 93	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> A852112
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-5			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Liver	Serosa	Fibrosis	Mild
		Hepatocellular Adenoma	
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
Note: LYMPH NODE.			
Note: MESENTERIC MASS MOST LIKELY IS NEOPLASTIC MESENTERIC			
Note: NEOPLASTIC CELLS COMPATIBLE WITH LYMPHOMA, MAL., MIXED			
Note: WERE OBSERVED IN SMEAR FROM ABDOMINAL CAVITY . TGL.3-62			
Note: LYMPH MAL MIXD TGLs = 4,5,7,8-3+5+11+12			
Mesentery		Lymphoma Malignant Mixed	
Parathyroid Gland		Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 93

**TRT#:** 3  
**DOSE:** 5.0%

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

**DAY ON TEST:** 729  
**HISTO:** A852112

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen  
Thymus  
Note: LYMPH MAL MIXD TGLs = 9-13

Hematopoietic Cell Proliferation  
Lymphoma Malignant Mixed

Mild

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852113

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mesenteric	Inflammation	Acute, Mild
Note: ANGIECTASIS	TGLs = 3-6		
Nose		Inflammation	Acute, Minimal
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 1-11		
Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hematocyst	Mild
	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Perivascular	Fibrosis	Focal, Mild
	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Dilatation	Mild
Note: DILATATION	TGLs = 5-8		
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Pigmentation	Mild
Pancreas	Acinar Cell	Atrophy	Minimal
Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Acute, Mild
Note: ECTASIA	TGLs = 7-13		
Note: INFLAMMATION	TGLs = 7-13		
Skin	Dermis	Fibrosis	Mild
		Sarcoma	
Note: FIBROSIS	TGLs = 4-12		
Note: SARCOMA	TGLs = 3-11		
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Mineralization	Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 95

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 5.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852114

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852115

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

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

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex	Clear Cell Focus	Minimal
	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Lymph Node	Mesenteric	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 2-6			
Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 97	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852116
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small Note: HYPERPLASIA TGLs = 4-5	Jejunum, Lymphoid Tiss	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin Note: INFLAMMATION TGLs = 3-11	Dermis	Inflammation	Chronic, Minimal
Thymus		Cyst	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 98	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852117
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 7-13			
Kidney	Renal Tubule	Dilatation	Moderate
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4-12			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 5-6			
Spleen		Hyperplasia	Lymphoid, Minimal
Note: HYPERPLASIA TGLs = 3-8			
Stomach	Forestomach	Hyperkeratosis	Minimal
	Epithelium, Forestomach	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla  
Epididymis  
Intestine Large - Cecum  
Intestine Small - Ileum  
Pancreas  
Salivary Glands  
Testes  
Urinary Bladder

Bone  
Esophagus  
Intestine Large - Colon  
Islets, Pancreatic  
Parathyroid Gland  
Seminal Vesicle  
Thymus

Bone Marrow  
Gallbladder  
Intestine Large - Rectum  
Lung  
Pituitary Gland  
Stomach - Forestomach  
Thyroid Gland

Brain  
Heart  
Intestine Small - Duodenum  
Nose  
Prostate  
Stomach - Glandular  
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland  
Intestine Small  
    Note: HYPERPLASIA   TGLs = 3-5  
Kidney  
Liver  
    Note: HEPATOCLR ADEN   TGLs = 5-4  
Lymph Node  
    Note: HYPERPLASIA   TGLs = 4-6  
Skin  
    Note: INFLAMMATION   TGLs = 2-11  
Spleen

Cortex, Spindle Cell  
Jejunum, Lymphoid Tiss  
Renal Tubule  
Mandibular  
Mesenteric  
Dermis

Hyperplasia  
Hyperplasia  
Mineralization  
Nephropathy  
Hepatocellular Adenoma  
Hyperplasia  
Hyperplasia  
Inflammation  
Hyperplasia

Mild  
Lymphoid, Mild  
Minimal  
Minimal  
Lymphoid, Mild  
Lymphoid, Mild  
Chronic, Minimal  
Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 100      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 672  
**DOSE:** 5.0%      **DISP:** Moribund      **HISTO:** A852119

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Moderate
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC    TGLs = 7-12			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC    TGLs = 8-6			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mesenteric	Pigmentation	Mild
Seminal Vesicle		Inflammation	Chronic, Mild
Note: INFLAMMATION    TGLs = 5,6-7			
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION    TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 101

TRT#: 3

DOSE: 5.0%

SEX: Male

DISP: Moribund

DAY ON TEST: 648

HISTO: A852120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Epididymis		Hypospermia	Moderate
Heart	Interstitium	Fibrosis	Mild
Kidney		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
Note: HEPATOCLR CARC TGLs = 6-13			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 7-2.1			
Lymph Node	Mesenteric	Inflammation	Acute, Mild
Nose		Exudate	Purulent, Minimal
Preputial Gland		Abscess	Moderate
		Inflammation	Chronic, Marked
Note: ABSCESS TGLs = 4-12			
Note: INFLAMMATION TGLs = 4-12			
Skin	Epithelium	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 5-8			
Testes	Seminif Tub	Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 101

**TRT#:** 3  
**DOSE:** 5.0%

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 648  
**HISTO:** A852120

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thymus	Cyst	Mild
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PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 102	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 648 <b>HISTO:</b> A852121
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Medulla	Hyperplasia Pheochromocytoma Benign	Minimal
Bone Marrow	Erythroid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Epididymis		Granuloma Sperm	Moderate
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR ADEN	TGLs = 7-4,13		
Note: HEPATOCLR CARC	TGLs = 3-12		
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC	TGLs = 4-6		
Skin	Dermis Epithelium	Fibrosis Hyperplasia	Mild Mild
Note: FIBROSIS	TGLs = 1-11		
Note: HYPERPLASIA	TGLs = 1-11		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 2-8		
Thyroid Gland	Follicular Cel Follicle	Carcinoma Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 102

**TRT#:** 3

**DOSE:** 5.0%

**SEX:** Male

**DISP:** Moribund

**DAY ON TEST:** 648

**HISTO:** A852121

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 103

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Mild
Liver	Hepatocyte	Necrosis	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 4-7			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Tooth	Incisor	Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:26  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 104      TRT#: 3      SEX: Male      DAY ON TEST: 606  
 DOSE: 5.0%      DISP: Moribund      HISTO: A852123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Mammary Gland
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OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Gallbladder	Epithelium	Cytoplasmic Alteration	Mild
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
		Nephropathy	Minimal
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Axillary	Lymphoma Malignant Undifferentiated Cell Type	
	Iliac	Lymphoma Malignant Undifferentiated Cell Type	
	Inguinal	Lymphoma Malignant Undifferentiated Cell Type	
	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
	Pancreatic	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	

Note: OBSERVED IN SMEAR FROM ABDOMINAL CAVITY. TGL.6-62

Note: LYMPH MAL UNDF TGLs = 4,5,8,10,11,12,13,14-3,5,6,12,13

Note: LYMPH MAL UNDF TGLs = 13,15,16,17

Note: NEOPLASTIC CELLS COMPATIBLE WITH LYMPHOMA, MAL WERE

Mesentery	Lymphoma Malignant Undifferentiated Cell Type
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Note: LYMPHOMA.

Note: LYMPH MAL UNDF TGLs = 9-15

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 104	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 606 <b>HISTO:</b> A852123
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ABDOMINAL MASS MOST LIKELY REPRESENTS MESENTERIC			
Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
Skin	Epidermis	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-11			
Note: HYPERKERATOSIS TGLs = 3-11			
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 7-8			
Stomach	Glandular, Mucosa	Granuloma	Minimal
Note: CROSS SECTION OF HAIR SHAFT IDENTIFIED IN GASTRIC			
Note: GRANULOMA.			
Thymus		Atrophy	Moderate

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PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Cyst	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mesenteric	Pigmentation	Minimal
Note: PIGMENT TGLs = 3-6			
Note: HYPERPLASIA TGLs = 3-6			
Preputial Gland	Duct	Ectasia	Mild
Note: ECTASIA TGLs = 2-11			
Salivary Glands	Duct	Ectasia	Mild
Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 106

TRT#: 3

SEX: Male

DAY ON TEST: 672

DOSE: 5.0%

DISP: Moribund

HISTO: A852125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3-11			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hyperplasia	Lymphoid, Minimal
	Mesenteric	Pigmentation	Mild
Note: PIGMENT TGLs = 4-6			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperkeratosis	Mild
Thymus		Atrophy	Moderate
		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 107	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 638 <b>HISTO:</b> A852126
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Epididymis	Esophagus	Heart
Pituitary Gland	Salivary Glands	Skin	Testes
Thyroid Gland	Trachea		

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**MISSING**

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

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Prostate	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	

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**OBSERVATIONS**

Kidney	Cortex, Renal Tubule	Adenoma Lymphoma Malignant	
Note: ADENOMA TGLs = 9-8			
Liver		Hepatocellular Adenoma Lymphoma Malignant	
Note: HEPATOCLR ADEN TGLs = 8-12			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Axillary Inguinal Mandibular Mesenteric	Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant	
Note: LYMPH MAL TGLs = 3,4,5,7-4+7+8+11			
Nose		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
Note: LYMPH MAL TGLs = 6-8			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 108	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 723 <b>HISTO:</b> A852127
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Cortex	Hypertrophy	Focal, Mild
Heart	Av Valve	Inflammation	Chronic, Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 4-6			
Parathyroid Gland		Ectopic Thymus	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin		Fibrosarcoma	
Note: FIBROSARC TGLs = 3-11			
Spleen		Hyperplasia	Lymphoid, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 109	<b>TRT#:</b> 3 <b>DOSE:</b> 5.0%	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 672 <b>HISTO:</b> A852128
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-13			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mesenteric	Pigmentation	Minimal
Skin	Dermis	Fibrosis	Mild
Note: FIBROSIS TGLs = 1,4-11+12			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 7-7			
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 110

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 542

**DOSE:** 5.0%

**DISP:** Moribund

**HISTO:** A852129

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Liver	Hepatocyte	Necrosis	Minimal
Skin		Fibrosarcoma	
Note: FIBROSARC TGLs = 3,4-11			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 5-8			
Thymus		Atrophy	Marked
		Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 121

**TRT#:** 5  
**DOSE:** 2.5%

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

**DAY ON TEST:** 723  
**HISTO:** A852140

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Forestomach

Intestine Large - Colon  
Intestine Small - Jejunum  
Stomach - Glandular

Intestine Large - Rectum  
Lung  
Tissue NOS

Intestine Small - Duodenum  
Pancreas

**OBSERVATIONS**

Liver

Hematopoietic Cell Proliferation  
Hepatocellular Adenoma

Mild

Note: HEPATOCLR ADEN TGLs = 6-12

Lymph Node

Mesenteric  
Mesenteric

Hematopoietic Cell Proliferation  
Inflammation

Minimal  
Acute, Mild

Note: INFLAMMATION TGLs = 5-6

Seminal Vesicle

Depletion Cellular

Mild

Note: DEPLETION TGLs = 8-7

Skin

Fibrosarcoma

Note: FIBROSARC TGLs = 2-11

Spleen

Hematopoietic Cell Proliferation

Moderate

Note: HEMA CELL PROL TGLs = 4-8

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 122

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 723

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852141

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Lung

Lymph Node

Skin

Stomach - Forestomach

**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

Note: HEPATOCLR CARC TGLs = 3-11

Stomach

Glandular

Mineralization

Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 721

DOSE: 2.5%

DISP: Dead

HISTO: A852142

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Esophagus  
Islets, Pancreatic  
Nose  
Prostate  
Stomach - Glandular

Bone  
Heart  
Kidney  
Pancreas  
Salivary Glands  
Testes

Bone Marrow  
Intestine Large - Colon  
Liver  
Parathyroid Gland  
Seminal Vesicle  
Trachea

Epididymis  
Intestine Large - Rectum  
Lymph Node - Mandibular  
Pituitary Gland  
Spleen

**MISSING**

Mammary Gland

Thymus

Urinary Bladder

**AUTO PRECLUDES DIAG.**

Gallbladder  
Intestine Small - Jejunum

Intestine Large - Cecum

Intestine Small - Duodenum

Intestine Small - Ileum

**OBSERVATIONS**

Adrenal Gland

Cortex, Spindle Cell  
Cortex

Hyperplasia  
Hypertrophy

Mild  
Focal, Mild

Brain

Thalamus

Mineralization

Mild

Lung

Alveolar/Bronchiolar Adenoma

Note: ALV BRON ADEN TGLs = 6-6

Skin

Dermis

Inflammation  
Sarcoma

Chronic, Mild

Note: INFLAMMATION TGLs = 4,5-12

Note: SARCOMA TGLs = 3-11

Stomach

Forestomach

Hyperkeratosis

Mild

Thyroid Gland

Follicular Cel

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 124

**TRT#:** 5  
**DOSE:** 2.5%

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

**DAY ON TEST:** 723  
**HISTO:** A852143

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Skin

Intestine Small - Duodenum  
Stomach - Forestomach

**OBSERVATIONS**

Intestine Small

Jejunum, Lymphoid Tiss  
Jejunum, Lymphoid Tiss

Hyperplasia  
Inflammation  
Alveolar/Bronchiolar Adenoma

Mild  
Chronic, Mild

Lung

Note: ALV BRON ADEN TGLs = 5-6

Lymph Node

Note: INFLAMMATION TGLs = 4-11

Mesenteric

Inflammation

Chronic, Marked

Pancreas

Note: INFLAMMATION TGLs = 3-5

Inflammation

Chronic, Marked

Stomach

Glandular

Mineralization

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 125      **TRT#:** 5      **SEX:** Male      **DAY ON TEST:** 622  
**DOSE:** 2.5%      **DISP:** Dead      **HISTO:** A852144

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Nose	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**AUTO PRECLUDES DIAG.**

Gallbladder      Intestine Small - Duodenum

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Capsule	Hyperplasia Lymphoma Malignant Mixed Adenoma	Minimal
Harderian Gland Note: ADENOMA      TGLs = 11-12			
Intestine Small	Jejunum Jejunum, Lymphoid Tiss	Lymphoma Malignant Mixed Pigmentation	Mild
Liver Note: LYMPH MAL MIXD      TGLs = 9,10-4		Lymphoma Malignant Mixed	
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node Note: LYMPH MAL MIXD      TGLs = 8-6	Mesenteric	Lymphoma Malignant Mixed	
Pancreas Note: LYMPH MAL MIXD      TGLs = 5-5+5.1+11		Lymphoma Malignant Mixed	
Parathyroid Gland		Cyst	Minimal
Spleen Note: LYMPH MAL MIXD      TGLs = 4-8		Lymphoma Malignant Mixed	
Stomach Note: LYMPH MAL MIXD      TGLs = 7-5+5.1	Glandular	Lymphoma Malignant Mixed	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 125

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 622

**DOSE:** 2.5%

**DISP:** Dead

**HISTO:** A852144

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 126	<b>TRT#:</b> 5 <b>DOSE:</b> 2.5%	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 647 <b>HISTO:</b> A852145
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Minimal
Heart	Myocardium	Degeneration	Minimal
Kidney		Nephropathy	Minimal
Liver		Fibrosarcoma	Metastatic (Skin)
Note: FIBROSARC TGLs = 5-12			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 6-6		Fibrosarcoma	Metastatic (Skin)
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Skin		Fibrosarcoma	
Note: FIBROSARC TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-8			
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 127

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 723

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852146

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Stomach - Forestomach

**OBSERVATIONS**

Intestine Small  
Note: PIGMENT TGLs = 2-5.1

Jejunum, Lymphoid Tiss

Pigmentation

Minimal

Lymph Node

Mesenteric  
Mesenteric

Hematopoietic Cell Proliferation  
Hyperplasia

Minimal

Lymphoid, Minimal

Preputial Gland  
Note: ECTASIA TGLs = 1-11

Duct

Ectasia

Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 128

TRT#: 5

DOSE: 2.5%

SEX: Male

DISP: Moribund

DAY ON TEST: 603

HISTO: A852147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Medulla	Hyperplasia Hyperplasia	Minimal Focal, Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 7-14		
Lymph Node	Mesenteric Mesenteric	Angiectasis Hematopoietic Cell Proliferation	Minimal Minimal
Skin		Fibroma Fibrosarcoma	
	Dermis	Inflammation Squamous Cell Papilloma	Chronic, Mild
Note: PAPILLOMA SQUA	TGLs = 5-13		
Note: FIBROMA	TGLs = 8-15		
Note: INFLAMMATION	TGLs = 4-12		
Note: FIBROSARC	TGLs = 1-11		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 6-8		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 505

DOSE: 2.5%

DISP: Dead

HISTO: A852148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Mandibular	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex	Hyperplasia Hypertrophy	Mild Focal, Mild
Lung		Congestion	Moderate
Lymph Node	Mesenteric	Congestion	Moderate
Penis		Inflammation	Acute, Moderate
Note: INFLAMMATION TGLs = 5,6-12			
Skin		Ulcer	Moderate
Note: ULCER TGLs = 3,4-11			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 130	<b>TRT#:</b> 5 <b>DOSE:</b> 2.5%	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 721 <b>HISTO:</b> A852149
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

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**MISSING**

Lymph Node - Mandibular	Mammary Gland	Salivary Glands
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**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver	Hepatocyte	Necrosis	Mild
Skin		Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-11		
Stomach	Forestomach	Hyperkeratosis	Mild
Testes	Seminif Tub	Giant Cell	Minimal
Urinary Bladder	Transit Epithe	Hyperplasia	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 131

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 723

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852150

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Stomach - Forestomach

**OBSERVATIONS**

Intestine Small  
Note: PIGMENT TGLs = 6-5.1  
Lymph Node

Jejunum, Lymphoid Tiss  
Mesenteric  
Mesenteric

Pigmentation  
Hyperplasia  
Pigmentation

Minimal  
Lymphoid, Mild  
Mild

Note: PIGMENT TGLs = 5-6  
Skin  
Note: INFLAMMATION TGLs = 3,4-11+12

Dermis

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:26  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 132                      TRT#: 5                      SEX: Male                      DAY ON TEST: 590  
 DOSE: 2.5%                      DISP: Moribund                      HISTO: A852151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hemangiosarcoma	
Kidney		Nephropathy	Minimal
Liver		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
Note: HEMANGIOSARC	TGLs = 5,6-4+11+12		
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 4-6		
Spleen		Hemangiosarcoma	
Note: HEMANGIOSARC	TGLs = 3-8		
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 133

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 724

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852152

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Intestine Small - Jejunum

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Stomach - Forestomach

**OBSERVATIONS**

Liver

Clear Cell Focus  
Hepatocellular Adenoma

Note: HEPATOCLR ADEN TGLs = 4-12

Lymph Node

Mesenteric  
Mesenteric

Hyperplasia  
Pigmentation

Lymphoid, Mild  
Minimal

Skin

Dermis

Inflammation

Chronic, Mild

Note: INFLAMMATION TGLs = 3-11

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 134

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 724

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852153

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Skin

Intestine Small - Duodenum  
Stomach - Forestomach

**OBSERVATIONS**

Intestine Small  
Note: PIGMENT TGLs = 4-5.1  
Lung  
Lymph Node  
Note: PIGMENT TGLs = 3-6

Jejunum, Lymphoid Tiss  
Peribronchiolr  
Mesenteric  
Mesenteric

Pigmentation  
Cyst  
Hyperplasia  
Pigmentation

Minimal  
Mild  
Lymphoid, Minimal  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 687

DOSE: 2.5%

DISP: Moribund

HISTO: A852154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Lung	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney		Nephropathy	Minimal
Liver		Histiocytic Sarcoma	
Note: HISTIO SARC	TGLs = 10-4+4.1+15		
Lymph Node	Mesenteric	Histiocytic Sarcoma	
	Pancreatic	Histiocytic Sarcoma	
	Mandibular	Pigmentation	Mild
Note: HISTIO SARC	TGLs = 7,9-5+14		
Seminal Vesicle		Histiocytic Sarcoma	
Skin		Ulcer	Marked
Note: ULCER	TGLs = 3,4,5-7+11+12+13		
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 8-8		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 136

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 520

**DOSE:** 2.5%

**DISP:** Moribund

**HISTO:** A852155

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Parathyroid Gland	Pituitary Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node	Mesenteric	Pigmentation	Minimal
Nose		Exudate	Purulent, Moderate
Tooth	Incisor	Developmental Malformation	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 585

DOSE: 2.5%

DISP: Moribund

HISTO: A852156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Marked
	Medulla, Unilateral	Necrosis	Marked
Blood Vessel	Carotid Artery	Aneurysm	Marked
Brain	Thalamus	Mineralization	Mild
Epididymis	Unilateral	Necrosis	Moderate
Heart	Myocardium	Degeneration	Mild
Kidney		Infarct	Chronic, Marked
Note: INFARCT TGLs = 5-8			
Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lung		Congestion	Moderate
Note: CONGESTION TGLs = 6-6			
Lymph Node	Mesenteric	Pigmentation	Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-8			
Stomach	Forestomach	Hyperkeratosis	Mild
	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Acute, Mild
	Forestomach	Ulcer	Minimal
Testes	Unilateral	Necrosis	Marked
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 137

**TRT#:** 5

**DOSE:** 2.5%

**SEX:** Male

**DISP:** Moribund

**DAY ON TEST:** 585

**HISTO:** A852156

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 138

**TRT#:** 5  
**DOSE:** 2.5%

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

**DAY ON TEST:** 724  
**HISTO:** A852157

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node

Intestine Large - Colon  
Intestine Small - Jejunum  
Stomach - Forestomach

Intestine Large - Rectum  
Liver  
Stomach - Glandular

Intestine Small - Duodenum  
Lung

**OBSERVATIONS**

Skin  
Note: INFLAMMATION TGLs = 3-11

Dermis

Inflammation

Chronic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 617

DOSE: 2.5%

DISP: Dead

HISTO: A852158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Epididymis  
Intestine Large - Cecum  
Lung  
Parathyroid Gland  
Seminal Vesicle  
Testes  
Urinary Bladder

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Colon  
Lymph Node - Mandibular  
Pituitary Gland  
Skin  
Thymus

Bone  
Gallbladder  
Intestine Large - Rectum  
Nose  
Prostate  
Stomach - Forestomach  
Thyroid Gland

Brain  
Heart  
Islets, Pancreatic  
Pancreas  
Salivary Glands  
Stomach - Glandular  
Trachea

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Bone Marrow  
Kidney  
Liver  
Note: HEMANGIOSARC TGLs = 5,6-11  
Spleen

Hemangiosarcoma  
Infarct  
Hemangiosarcoma

Chronic, Minimal

Angiectasis  
Hematopoietic Cell Proliferation

Mild  
Moderate

Note: HEMA CELL PROL TGLs = 4-8

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 140

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 648

**DOSE:** 2.5%

**DISP:** Moribund

**HISTO:** A852159

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex	Hyperplasia Hypertrophy	Minimal Focal, Minimal
Kidney		Nephropathy	Moderate
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-12			
Lymph Node	Mesenteric Mesenteric	Angiectasis Hematopoietic Cell Proliferation	Mild Mild
Note: ANGIECTASIS TGLs = 4-6			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes		Polyarteritis	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 141

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 87

**DOSE:** 2.5%

**DISP:** Moribund

**HISTO:** A83028007

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-6		
Liver	Hepatocyte	Necrosis	Mild
Note: NECROSIS	TGLs = 6-5		
Lymph Node	Inguinal, Lymphocyte	Necrosis	Moderate
	Lymphocyte, Mesenteric	Necrosis	Moderate
Note: NECROSIS	TGLs = 3-8		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 142

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 724

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852161

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Forestomach

Intestine Large - Colon  
Liver  
Stomach - Glandular

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Skin

**OBSERVATIONS**

Intestine Small  
Note: HYPERPLASIA TGLs = 4-5  
Lymph Node  
Note: HYPERPLASIA TGLs = 3-6

Jejunum, Lymphoid Tiss  
Mesenteric

Hyperplasia  
Hyperplasia

Lymphoid, Mild  
Lymphoid, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 143

**TRT#:** 5  
**DOSE:** 2.5%

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

**DAY ON TEST:** 724  
**HISTO:** A852162

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Lung

Intestine Large - Colon  
Skin

Intestine Large - Rectum  
Stomach - Forestomach

Intestine Small - Duodenum  
Stomach - Glandular

**OBSERVATIONS**

Intestine Small

Ileum, Lymphoid Tiss  
Jejunum, Lymphoid Tiss

Pigmentation  
Pigmentation

Mild  
Mild

Note: PIGMENT TGLs = 6-5  
Liver

Hepatocellular Carcinoma

Note: HEPATOCLR CARC TGLs = 7-12

Lymph Node

Mesenteric

Pigmentation

Mild

Note: PIGMENT TGLs = 5-6

Preputial Gland

Duct

Ectasia

Moderate

Note: ECTASIA TGLs = 3,4-11

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 144

**TRT#:** 5  
**DOSE:** 2.5%

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 87  
**HISTO:** A83028008

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Kidney	Medulla	Congestion Nephropathy	Moderate Mild
Note: CONGESTION TGLs = 2-6 Note: NEPHROPATHY TGLs = 1-6			
Liver	Hepatocyte	Necrosis	Mild
Note: NECROSIS TGLs = 3-5			
Lymph Node	Lymphocyte, Mandibular Lymphocyte, Mesenteric	Necrosis Necrosis	Minimal Minimal
Spleen	Lymphocyte	Necrosis	Mild
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 145	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 87
	<b>DOSE:</b> 2.5%	<b>DISP:</b> Moribund	<b>HISTO:</b> A83028009

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Kidney	Medulla	Congestion	Mild
		Nephropathy	Mild
Note: CONGESTION TGLs = 1-6			
Liver	Hepatocyte	Necrosis	Mild
Note: NECROSIS TGLs = 2-5			
Lymph Node	Lymphocyte, Mesenteric	Necrosis	Mild
Spleen	Lymphocyte	Necrosis	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 648

DOSE: 2.5%

DISP: Moribund

HISTO: A852165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Cortex	Hypertrophy	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Heart	Interstitium	Fibrosis	Minimal
Kidney	Cortex	Metaplasia	Osseous, Minimal
Skin	Dermis	Fibrosarcoma	
		Inflammation	Chronic, Mild
Note: FIBROSARC TGLs = 7,8-12			
Note: INFLAMMATION TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-8			
Testes	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 147

**TRT#:** 5  
**DOSE:** 2.5%

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

**DAY ON TEST:** 725  
**HISTO:** A852166

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Skin

Intestine Large - Colon  
Intestine Small - Jejunum  
Stomach - Forestomach

Intestine Large - Rectum  
Liver

Intestine Small - Duodenum  
Lung

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**OBSERVATIONS**

Lymph Node  
Stomach

Mesenteric  
Glandular

Hyperplasia  
Mineralization

Lymphoid, Mild  
Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 148	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 452
	<b>DOSE:</b> 2.5%	<b>DISP:</b> Dead	<b>HISTO:</b> A84031681

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
Note: HISTIO SARC    TGLs = 6-5			
Lung		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Note: HISTIO SARC    TGLs = 7,8-8			
Spleen		Histiocytic Sarcoma	
Note: HISTIO SARC    TGLs = 4-2			
Thyroid Gland	Follicular Cel	Carcinoma	
Note: CARCINOMA    TGLs = 9-3			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 149	<b>TRT#:</b> 5 <b>DOSE:</b> 2.5%	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 339 <b>HISTO:</b> A84031171
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

**MISSING**

Gallbladder	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Epididymis		Inflammation	Chronic, Minimal
Kidney	Renal Tubule	Dilatation	Moderate
Note: DILATATION TGLs = 8,9-6			
Lung		Congestion	Minimal
Note: CONGESTION TGLs = 10-4			
Lymph Node	Iliac	Hyperplasia	Plasma Cell, Mild
	Inguinal, Lymphocyte	Necrosis	Mild
	Mesenteric	Pigmentation	Minimal
Note: NECROSIS TGLs = 4-8			
Note: HYPERPLASIA TGLs = 11-21			
Prostate		Inflammation	Acute, Moderate
Seminal Vesicle		Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 7-7			
Skin	Dermis	Inflammation	Chronic, Minimal
	Prepuce	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 5-45			
Note: INFLAMMATION TGLs = 3-22			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 149

**TRT#:** 5  
**DOSE:** 2.5%

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 339  
**HISTO:** A84031171

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Urinary Bladder  
Note: INFLAMMATION TGLs = 6-6.1

Inflammation

Chronic, Mild

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

---

**ANIMAL ID:** 150

**TRT#:** 5  
**DOSE:** 2.5%

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

**DAY ON TEST:** 725  
**HISTO:** A852169

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Forestomach

Intestine Large - Colon  
Intestine Small - Jejunum  
Stomach - Glandular

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Skin

---

**OBSERVATIONS**

Liver  
Note: HEPATOCLR ADEN TGLs = 4-11  
Lymph Node  
Note: ANGIECTASIS TGLs = 2-6

Mesenteric  
Mesenteric

Hepatocellular Adenoma  
Angiectasis  
Pigmentation

Mild  
Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 151

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 725

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852170

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Skin

Intestine Large - Colon  
Liver  
Stomach - Forestomach

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Lymph Node

**OBSERVATIONS**

Intestine Small  
Preputial Gland  
Note: ECTASIA      TGLs = 1-11  
Stomach

Jejunum, Lymphoid Tiss  
Duct

Hyperplasia  
Ectasia

Lymphoid, Mild  
Marked

Glandular

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 152

**TRT#:** 5  
**DOSE:** 2.5%

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

**DAY ON TEST:** 725  
**HISTO:** A852171

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Intestine Small - Jejunum

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Stomach - Forestomach

**OBSERVATIONS**

Liver  
Note: HEPATOCLR ADEN TGLs = 4-4+12+12.1

Lymph Node  
Skin  
Note: HYPERPLASIA TGLs = 3-11

Mesenteric  
Epithelium

Hepatocellular Adenoma  
Hematopoietic Cell Proliferation  
Hyperplasia

Multiple  
Minimal  
Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 153

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 725

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852172

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Liver

Lymph Node

Skin

Stomach - Forestomach

Stomach - Glandular

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Carcinoma

Note: ALV BRON CARC TGLs = 4-6

Preputial Gland

Duct

Ectasia

Marked

Note: ECTASIA TGLs = 3-11

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 154	<b>TRT#:</b> 5 <b>DOSE:</b> 2.5%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b> A852173
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Liver	Lung	Skin
Stomach - Forestomach			

---

**OBSERVATIONS**

Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: PIGMENT TGLs = 2-5			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mesenteric	Pigmentation	Minimal
Stomach	Glandular	Inflammation	Chronic, Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A852174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Lung

Intestine Large - Rectum  
Stomach - Forestomach

Intestine Small - Duodenum  
Stomach - Glandular

OBSERVATIONS

Intestine Small  
Note: HYPERPLASIA TGLs = 8-5

Jejunum, Lymphoid Tiss

Hyperplasia

Lymphoid, Mild

Liver  
Note: HEMANGIOSARC TGLs = 5,6-13+13.1+14

Hemangiosarcoma

Lymph Node  
Mesenteric

Hyperplasia

Lymphoid, Mild

Preputial Gland  
Note: ECTASIA TGLs = 3-15

Duct

Ectasia

Moderate

Skin  
Note: INFLAMMATION TGLs = 2-1

Dermis

Inflammation

Chronic, Mild

Urethra  
Note: ECTASIA TGLs = 4-12

Bulboureth GI

Ectasia

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 156

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852175

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Lung

Stomach - Forestomach

Stomach - Glandular

**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

Note: HEPATOCLR CARC TGLs = 4-12

Lymph Node

Mesenteric

Angiectasis

Moderate

Mesenteric

Hematopoietic Cell Proliferation

Mild

Skin

Epithelium

Hyperplasia

Mild

Note: HYPERPLASIA TGLs = 3-11

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 157

**TRT#:** 5  
**DOSE:** 2.5%

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

**DAY ON TEST:** 728  
**HISTO:** A852176

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Forestomach

Intestine Large - Colon  
Liver  
Stomach - Glandular

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Skin

**OBSERVATIONS**

Intestine Small

Jejunum, Lymphoid Tiss  
Jejunum, Lymphoid Tiss

Hyperplasia  
Pigmentation

Lymphoid, Moderate  
Minimal

Note: PIGMENT TGLs = 4-5

Note: HYPERPLASIA TGLs = 4-5

Lymph Node

Mesenteric

Hyperplasia

Lymphoid, Mild

Note: HYPERPLASIA TGLs = 3-6

Mesentery

Fat

Necrosis

Mild

Note: NECROSIS TGLs = 2-11

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 158

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A852177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Stomach - Forestomach

OBSERVATIONS

Intestine Small  
Note: PIGMENT TGLs = 8-5  
Lymph Node  
Note: ANGIECTASIS TGLs = 7-6  
Mesentery  
Note: CONGESTION TGLs = 5-12  
Preputial Gland  
Note: ABSCESS TGLs = 4-13  
Skin  
Note: SARCOMA TGLs = 2-11  
Spleen  
Note: HYPERPLASIA TGLs = 6-8

Jejunum, Lymphoid Tiss  
Mesenteric  
Mesenteric  
Fat

Pigmentation  
Angiectasis  
Pigmentation  
Congestion  
Abscess  
Sarcoma  
Hyperplasia

Minimal  
Minimal  
Minimal  
Mild  
Marked  
Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 529

DOSE: 2.5%

DISP: Moribund

HISTO: A852178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Minimal
Heart	Interstitium	Fibrosis	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC	TGLs = 5,6-12+13		
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mesenteric	Pigmentation	Mild
Note: PIGMENT	TGLs = 8-6		
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 4-11		
Prostate		Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 160

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852179

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Lung

Skin

Stomach - Forestomach

**OBSERVATIONS**

Intestine Small

Jejunum, Lymphoid Tiss

Hyperplasia

Lymphoid, Mild

Note: HYPERPLASIA TGLs = 2-5

Liver

Hepatocellular Carcinoma

Note: HEPATOCLR CARC TGLs = 3-11

Lymph Node

Mesenteric

Angiectasis

Minimal

Seminal Vesicle

Inflammation

Chronic, Marked

Note: INFLAMMATION TGLs = 5-12

Stomach

Glandular

Inflammation

Acute, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 161	<b>TRT#:</b> 5 <b>DOSE:</b> 2.5%	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 583 <b>HISTO:</b> A852180
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Unilateral	Atrophy	Marked
Kidney		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-12			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-8			
Testes	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 162

TRT#: 5

SEX: Male

DAY ON TEST: 719

DOSE: 2.5%

DISP: Dead

HISTO: A852181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Kidney		Infarct	Chronic, Mild
Liver	Hepatocyte	Necrosis	Mild
Note: NECROSIS TGLs = 6-4			
Skin	Dermis	Inflammation	Chronic, Minimal
		Sarcoma	
Note: SARCOMA TGLs = 1-11			
Note: INFLAMMATION TGLs = 4-12			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 5-8			
Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 647

DOSE: 2.5%

DISP: Moribund

HISTO: A852182

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland	Thymus
---------------	--------

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Liver	Hepatocyte	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 5-12		Necrosis	Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 6-6	Mesenteric	Hyperplasia	Lymphoid, Mild
Skin		Sarcoma	
Note: SARCOMA TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 4-8			
Stomach	Glandular	Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 164

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852183

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Forestomach

Intestine Large - Colon  
Intestine Small - Jejunum  
Stomach - Glandular

Intestine Large - Rectum  
Liver

Intestine Small - Duodenum  
Lung

**OBSERVATIONS**

Lymph Node  
Note: ANGIECTASIS TGLs = 3-6  
Preputial Gland  
Note: ECTASIA TGLs = 2-11  
Skin  
Note: FIBROMA TGLs = 1-11

Mesenteric  
Mesenteric  
Duct

Angiectasis  
Hyperplasia  
Ectasia  
Fibroma

Mild  
Lymphoid, Minimal  
Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 165

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852184

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Lung

Intestine Large - Rectum  
Lymph Node

Intestine Small - Duodenum  
Stomach - Forestomach

**OBSERVATIONS**

Intestine Small

Jejunum, Lymphoid Tiss  
Jejunum, Lymphoid Tiss

Hyperplasia  
Pigmentation

Lymphoid, Mild  
Minimal

Note: HYPERPLASIA TGLs = 3-5.1

Note: PIGMENT TGLs = 3-5.1

Liver

Hepatocellular Carcinoma

Note: HEPATOCLR CARC TGLs = 2-11

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 166

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852185

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Liver

Skin

Stomach - Forestomach

Stomach - Glandular

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Carcinoma

Note: ALV BRON CARC TGLs = 4-6

Lymph Node

Mesenteric

Hyperplasia

Lymphoid, Mild

Mesenteric

Pigmentation

Minimal

Note: PIGMENT TGLs = 2-6

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 167

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852186

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Liver

Lung

Skin

Stomach - Forestomach

Stomach - Glandular

**OBSERVATIONS**

Intestine Small

Jejunum, Lymphoid Tiss

Pigmentation

Mild

Note: PIGMENT TGLs = 3-5

Lymph Node

Mesenteric

Hyperplasia

Lymphoid, Mild

Note: HYPERPLASIA TGLs = 2-6

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 168

TRT#: 5

DOSE: 2.5%

SEX: Male

DISP: Moribund

DAY ON TEST: 618

HISTO: A852187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
---------------	--------

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hyperplasia	Lymphoid, Minimal
Note: ANGIECTASIS TGLs = 10-6			
Preputial Gland	Duct	Ectasia	Mild
Note: ECTASIA TGLs = 9-14			
Skin	Dermis	Inflammation	Chronic, Mild
		Schwannoma Malignant	
		Ulcer	Moderate
Note: ULCER TGLs = 3,4-12			
Note: INFLAMMATION TGLs = 5-13			
Note: SCHWANNOMA MAL TGLs = 1,2-11			
Spleen		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 169	TRT#: 5 DOSE: 2.5%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A852188
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ORGAN AND ACCOUNTABLE SITE STATUS

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NORMAL

Intestine Large - Cecum Liver	Intestine Large - Colon Stomach - Forestomach	Intestine Large - Rectum Stomach - Glandular	Intestine Small - Duodenum
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OBSERVATIONS

Intestine Small  Note: PIGMENT TGLs = 5-5.1 Note: HYPERPLASIA TGLs = 5-5.1	Jejunum, Lymphoid Tiss Ileum, Lymphoid Tiss Jejunum, Lymphoid Tiss	Hyperplasia Pigmentation Pigmentation	Lymphoid, Mild Minimal Minimal
Lung Note: ALV BRON ADEN TGLs = 4-6		Alveolar/Bronchiolar Adenoma	
Lymph Node  Note: ANGIECTASIS TGLs = 6-6	Mesenteric Mesenteric	Angiectasis Pigmentation	Mild Minimal
Skin Note: SARCOMA TGLs = 1-11		Sarcoma	
Spleen Note: HEMA CELL PROL TGLs = 3-8		Hematopoietic Cell Proliferation	Moderate

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PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 170

**TRT#:** 5  
**DOSE:** 2.5%

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

**DAY ON TEST:** 730  
**HISTO:** A852189

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Stomach - Forestomach

Intestine Large - Rectum  
Stomach - Glandular

Intestine Small - Duodenum

**OBSERVATIONS**

Intestine Small  
Note: PIGMENT TGLs = 3-5

Jejunum, Lymphoid Tiss

Pigmentation

Minimal

Liver  
Note: HEPATOCLR CARC TGLs = 5-12

Hepatocellular Carcinoma

Lung  
Lymph Node

Pleura  
Mesenteric  
Mesenteric

Inflammation  
Hyperplasia  
Pigmentation

Chronic, Minimal  
Lymphoid, Mild  
Minimal

Note: HYPERPLASIA TGLs = 4-6  
Note: PIGMENT TGLs = 4-6

Skin  
Note: INFLAMMATION TGLs = 2-11

Dermis

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 388

DOSE: 1.0%

DISP: Dead

HISTO: A84031173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Pituitary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney	Renal Tubule	Mineralization	Mild
Penis		Cyst	Mild
Note: CYST	TGLs = 4-21		
Prostate		Inflammation	Acute, Moderate
Seminal Vesicle		Inflammation	Chronic, Mild
Stomach	Glandular	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 182	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 327
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Dead	<b>HISTO:</b> A84031174

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Colon	Liver	Lung	Lymph Node
Skin	Stomach - Forestomach	Stomach - Glandular	

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**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

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**OBSERVATIONS**

Seminal Vesicle	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 4-7		

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**PRIMARY CAUSE OF DEATH** -

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Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 721

DOSE: 1.0%

DISP: Dead

HISTO: A862202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Heart	Atrium	Thrombosis	Moderate
[ Thrombosis TGLS = 6-4 ]			
Liver	Sinusoid	Dilatation	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Skin		Sarcoma	
Note: SARCOMA TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 184

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 723

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852203

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Lung

**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

Note: HEPATOCLR CARC TGLs = 2-12

Lymph Node

Mesenteric

Pigmentation

Minimal

Skin

Dermis

Mineralization

Moderate

Note: MINERALIZATION TGLs = 1-11

Stomach

Epithelium, Forestomach

Hyperplasia

Minimal

Glandular, Mucosa

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 185

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 723

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852204

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Lung

Lymph Node

Skin

Stomach - Forestomach

Stomach - Glandular

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**OBSERVATIONS**

Adrenal GI

Note: (CONGESTION) TGL 3-6B

Liver

Note: HEPATOCLR CARC TGLs = 3-11

Hepatocellular Carcinoma

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 186

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 723

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852205

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Liver

Lung

Skin

Stomach - Forestomach

Stomach - Glandular

**OBSERVATIONS**

Intestine Small

Jejunum, Lymphoid Tiss

Pigmentation

Minimal

Note: PIGMENT

TGLs = 3-5.1

Lymph Node

Mesenteric

Hyperplasia

Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 187

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 723

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852206

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Liver

Stomach - Forestomach

Stomach - Glandular

**OBSERVATIONS**

Intestine Small

Jejunum, Lymphoid Tiss

Pigmentation

Minimal

Lung

Alveolar/Bronchiolar Adenoma

Note: ALV BRON ADEN TGLs = 6-6

Lymph Node

Mesenteric

Hyperplasia

Lymphoid, Mild

Note: HYPERPLASIA TGLs = 1-6

Preputial Gland

Duct

Ectasia

Mild

Note: ECTASIA TGLs = 5-12

Skin

Dermis

Inflammation

Chronic, Mild

Note: INFLAMMATION TGLs = 4-11

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 188	<b>TRT#:</b> 7 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 35 <b>HISTO:</b> A83027882
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Mammary Gland			

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**OBSERVATIONS**

Pituitary Gland Note: CONGESTION TGLs = 6-1	Pars Distalis	Congestion	Moderate
Skin Note: (ULCER) TGL 2-1	Dermis	Inflammation Ulcer	Chronic, Mild Mild
Spleen Note: DEPLETION TGLs = 3-2	Lymphocyte	Depletion Cellular	Mild
Thymus		Atrophy	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 189

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 723

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852208

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Jejunum  
Stomach - Glandular

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Skin

Intestine Small - Ileum  
Stomach - Forestomach

**OBSERVATIONS**

Intestine Large  
Kidney  
Note: NEPHROPATHY TGLs = 3-8

Colon

Inflammation  
Nephropathy

Chronic, Mild  
Moderate

Liver  
Note: HEPATOCLR CARC TGLs = 4-11

Hepatocellular Carcinoma

Lymph Node  
Mesenteric  
Mesenteric

Hematopoietic Cell Proliferation  
Pigmentation

Mild  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 168

DOSE: 1.0%

DISP: Dead

HISTO: A83028677

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Islets, Pancreatic	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Kidney	Medulla	Congestion	Mild
Note: CONGESTION TGLs = 5-6			
Liver	Hepatocyte	Necrosis	Minimal
Lung		Inflammation	Acute, Mild
Lymph Node	Lymphocyte, Renal	Hyperplasia	Moderate
	Lymphocyte, Renal	Necrosis	Moderate
Note: (NECROSIS) TGL 1-I			
Note: (HYPERPLASIA) TGL 1-I			
Prostate		Inflammation	Acute, Moderate
Seminal Vesicle		Inflammation	Acute, Mild
Spleen	Lymphocyte	Necrosis	Mild
Thymus	Cortex	Necrosis	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 191	<b>TRT#:</b> 7 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 598 <b>HISTO:</b> A852210
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 6-6		
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 3-11		
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
Note: HEMANGIOSARC	TGLs = 5-12		
Note: HEMA CELL PROL	TGLs = 4-8		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 617

DOSE: 1.0%

DISP: Moribund

HISTO: A852211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Liver	Hepatocyte	Necrosis	Minimal
Lymph Node	Mesenteric	Pigmentation	Mild
Skin	Dermis	Inflammation	Chronic, Mild
		Sarcoma	

Note: INFLAMMATION TGLs = 3,5-11+13

Note: SARCOMA TGLs = 4-12

Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 193

TRT#: 7

DOSE: 1.0%

SEX: Male

DISP: Moribund

DAY ON TEST: 524

HISTO: A852212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
---------------	--------

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Histiocytic Sarcoma	
Kidney		Histiocytic Sarcoma	
Note: HISTIO SARC	TGLs = 9-8		
Liver		Histiocytic Sarcoma	
Note: HISTIO SARC	TGLs = 3,5-4		
Lung		Histiocytic Sarcoma	
Note: HISTIO SARC	TGLs = 8-6		
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1-7+11+12		
Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
Note: HISTIO SARC	TGLs = 4-8		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 724

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: A852213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Forestomach

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lymph Node

Intestine Small - Duodenum  
Skin

OBSERVATIONS

Intestine Small

Jejunum, Lymphoid Tiss  
Jejunum, Lymphoid Tiss

Histiocytic Sarcoma  
Pigmentation

Mild

Note: PIGMENT TGLs = 3-5

Note: HYPERPLASIA TGLs = 3-5

Lung

Alveolar/Bronchiolar Adenoma

Stomach

Glandular

Mineralization

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 195	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 436
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Dead	<b>HISTO:</b> A84031683

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Gallbladder	Intestine Small - Duodenum	Intestine Small - Jejunum	Lymph Node - Mandibular
Mammary Gland	Pituitary Gland	Thymus	

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**OBSERVATIONS**

Adrenal Gland	Cortex	Histiocytic Sarcoma	
Brain	Thalamus	Mineralization	Minimal
Liver		Histiocytic Sarcoma	
Note: HISTIO SARC TGLs = 9-5			
Lung		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Note: HISTIO SARC TGLs = 10-8			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3-21			
Spleen		Histiocytic Sarcoma	
Note: HISTIO SARC TGLs = 6,7-2			

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PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 196

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 687

**DOSE:** 1.0%

**DISP:** Moribund

**HISTO:** A852215

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Gallbladder	Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Heart	Interstitium	Fibrosis	Minimal
Intestine Small	Duodenum	Polyp	
Note: POLYP	TGLs = 6-12		
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
Skin		Ulcer	Marked
Note: ULCER	TGLs = 3,4-11		
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL	TGLs = 5-8		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1.0%

DISP: Dead

HISTO: A852216

ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Rectum  
Nose  
Prostate  
Stomach - Forestomach  
Urinary Bladder

Bone  
Heart  
Islets, Pancreatic  
Pancreas  
Salivary Glands  
Stomach - Glandular

Bone Marrow  
Intestine Large - Cecum  
Liver  
Parathyroid Gland  
Seminal Vesicle  
Testes

Epididymis  
Intestine Large - Colon  
Lymph Node - Mandibular  
Pituitary Gland  
Spleen  
Trachea

**MISSING**

Intestine Small - Duodenum

Mammary Gland

Thymus

**AUTO PRECLUDES DIAG.**

Gallbladder

Intestine Small - Ileum

Intestine Small - Jejunum

**OBSERVATIONS**

Adrenal Gland  
Brain  
Kidney  
Lung  
Lymph Node  
Skin

Cortex, Spindle Cell  
Thalamus  
Renal Tubule  
Mesenteric

Hyperplasia  
Mineralization  
Mineralization  
Inflammation  
Autolysis  
Sarcoma

Minimal  
Moderate  
Minimal  
Acute, Mild  
Marked

Note: SARCOMA TGLs = 3-11

Thyroid Gland

Follicular Cel  
Follicular Cel

Adenoma  
Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 724

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: A852217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Stomach - Forestomach

OBSERVATIONS

Harderian Gland

Adenoma

Note: ADENOMA TGLs = 6-13

Intestine Small

Jejunum, Lymphoid Tiss

Pigmentation

Mild

Note: PIGMENT TGLs = 7-5

Lymph Node

Mesenteric

Angiectasis

Mild

Mesenteric

Hematopoietic Cell Proliferation

Minimal

Mesenteric

Hyperplasia

Lymphoid, Minimal

Skin

Fibrosarcoma

Note: FIBROSARC TGLs = 5-12

Note: ULCER TGLs = 3,4-11

Ulcer

Moderate

Stomach

Glandular

Inflammation

Acute, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 647

DOSE: 1.0%

DISP: Moribund

HISTO: A852218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mesenteric	Pigmentation	Minimal
	Axillary	Sarcoma	Metastatic (Skin)
	Mesenteric	Thrombosis	Mild
Note: PIGMENT	TGLs = 6-6		
Note: SARCOMA	TGLs = 4-12		
Note: HYPERPLASIA	TGLs = 6-6		
Skin		Sarcoma	
Note: SARCOMA	TGLs = 3-11		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 5-8		
Stomach	Glandular	Mineralization	Minimal
Thymus		Atrophy	Moderate
		Cyst	Mild
Tooth	Incisor	Developmental Malformation	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 199

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 647

**DOSE:** 1.0%

**DISP:** Moribund

**HISTO:** A852218

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 200	<b>TRT#:</b> 7 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 472 <b>HISTO:</b> A852219
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Thymus
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**AUTO PRECLUDES DIAG.**

Bone Marrow
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**OBSERVATIONS**

Liver Note: HEMA CELL PROL TGLs = 8-4		Hematopoietic Cell Proliferation	Mild
Lymph Node	Inguinal Mesenteric Inguinal Mesenteric	Hematopoietic Cell Proliferation Hematopoietic Cell Proliferation Hyperplasia Inflammation	Moderate Moderate Plasma Cell, Mild Acute, Mild
Note: INFLAMMATION TGLs = 9-6 Note: HYPERPLASIA TGLs = 6,9-6+7 Note: HEMA CELL PROL TGLs = 6,9-6+7			
Skin	Dermis	Inflammation Sarcoma	Chronic, Mild
Note: SARCOMA TGLs = 5-12 Note: INFLAMMATION TGLs = 4-11			
Spleen Note: HEMA CELL PROL TGLs = 7-8		Hematopoietic Cell Proliferation	Marked

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 201	TRT#: 7 DOSE: 1.0%	SEX: Male DISP: Moribund	DAY ON TEST: 73 HISTO: A83027930
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ORGAN AND ACCOUNTABLE SITE STATUS

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mandibular	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

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**MISSING**

Intestine Large - Colon	Islets, Pancreatic	Mammary Gland	Parathyroid Gland
Thyroid Gland			

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
Note: DILATATION TGLs = 4-6			
Liver	Hepatocyte	Necrosis	Minimal
Note: NECROSIS TGLs = 6-5			
Lymph Node	Inguinal, Lymphocyte	Necrosis	Mild
Note: NECROSIS TGLs = 3-8			
Thymus		Atrophy	Moderate

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 202

**TRT#:** 7  
**DOSE:** 1.0%

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

**DAY ON TEST:** 724  
**HISTO:** A852221

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node

Intestine Large - Colon  
Intestine Small - Jejunum  
Stomach - Forestomach

Intestine Large - Rectum  
Liver  
Stomach - Glandular

Intestine Small - Duodenum  
Lung

---

**OBSERVATIONS**

Skin  
Note: INFLAMMATION TGLs = 1-11

Dermis

Inflammation

Chronic, Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 203	<b>TRT#:</b> 7 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 122 <b>HISTO:</b> A83028292
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Kidney	Liver	Lymph Node - Mandibular	Nose
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea

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**MISSING**

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

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Urinary Bladder		

---

**OBSERVATIONS**

Lung Note: CONGESTION TGLs = 10-4		Congestion	Mild
Lymph Node	Inguinal Mesenteric	Autolysis Autolysis	Marked Marked
Prostate		Inflammation	Acute, Moderate
Seminal Vesicle Note: INFLAMMATION TGLs = 7-7		Inflammation	Acute, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 204

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 724

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852223

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Liver

Lung

Skin

Stomach - Forestomach

Stomach - Glandular

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**OBSERVATIONS**

Lymph Node

Mesenteric

Inflammation

Acute, Mild

Mesenteric

Thrombosis

Moderate

Note: INFLAMMATION TGLs = 2-6

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 205

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 724

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852224

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Intestine Small - Jejunum

Intestine Large - Rectum  
Liver

Intestine Small - Duodenum  
Lung

**OBSERVATIONS**

Lymph Node

Mesenteric  
Mesenteric  
Mesenteric

Angiectasis  
Hyperplasia  
Inflammation  
Abscess  
Ectasia

Mild  
Lymphoid, Minimal  
Acute, Minimal  
Moderate  
Mild

Preputial Gland

Duct

Inflammation

Chronic, Mild

Note: ABSCESS TGLs = 4-11

Skin

Dermis

Infiltration Cellular

Mast Cell, Mild

Note: INFLAMMATION TGLs = 3-12

Stomach

Forestomach

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 206

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 380

**DOSE:** 1.0%

**DISP:** Dead

**HISTO:** A84031175

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Epididymis  
Intestine Large - Colon  
Kidney  
Nose  
Prostate  
Spleen  
Thyroid Gland

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Rectum  
Liver  
Pancreas  
Salivary Glands  
Stomach - Forestomach  
Trachea

Bone  
Heart  
Intestine Small - Ileum  
Lung  
Parathyroid Gland  
Seminal Vesicle  
Testes  
Urinary Bladder

Bone Marrow  
Intestine Large - Cecum  
Islets, Pancreatic  
Lymph Node - Mandibular  
Pituitary Gland  
Skin  
Thymus

**MISSING**

Mammary Gland

**AUTO PRECLUDES DIAG.**

Gallbladder

Intestine Small - Duodenum

Intestine Small - Jejunum

**OBSERVATIONS**

Brain  
Stomach

Thalamus  
Glandular

Mineralization  
Mineralization

Mild  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 207

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 719

**DOSE:** 1.0%

**DISP:** Dead

**HISTO:** 852226

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Islets, Pancreatic  
Prostate  
Stomach - Forestomach  
Trachea

Adrenal Gland - Medulla  
Epididymis  
Nose  
Salivary Glands  
Stomach - Glandular

Bone  
Esophagus  
Pancreas  
Seminal Vesicle  
Testes

Bone Marrow  
Heart  
Parathyroid Gland  
Skin  
Thyroid Gland

**MISSING**

Intestine Small - Ileum

Lymph Node - Mandibular

Mammary Gland

Pituitary Gland

**AUTO PRECLUDES DIAG.**

Gallbladder  
Intestine Small - Duodenum

Intestine Large - Cecum  
Intestine Small - Jejunum

Intestine Large - Colon  
Urinary Bladder

Intestine Large - Rectum

**OBSERVATIONS**

Kidney  
Liver  
Note: HEPATOCLR CARC TGLs = 4-11  
Lung  
Spleen  
Thymus

Nephropathy  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma  
Hyperplasia  
Atrophy

Moderate  
Metastatic (Liver)  
Lymphoid, Mild  
Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 208

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 725

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852227

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Forestomach

Intestine Large - Colon  
Intestine Small - Jejunum  
Stomach - Glandular

Intestine Large - Rectum  
Liver

Intestine Small - Duodenum  
Lung

**OBSERVATIONS**

Lymph Node  
Preputial Gland  
Note: INFLAMMATION TGLs = 2-11  
Skin  
Note: INFLAMMATION TGLs = 1-12

Mesenteric  
  
Dermis

Hyperplasia  
Inflammation  
  
Inflammation

Lymphoid, Mild  
Chronic, Marked  
  
Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 209

TRT#: 7

SEX: Male

DAY ON TEST: 644

DOSE: 1.0%

DISP: Moribund

HISTO: A852228

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Minimal
	Mesenteric	Hyperplasia	Lymphoid, Minimal
	Mesenteric	Pigmentation	Minimal
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1-11		
Spleen		Hyperplasia	Lymphoid, Minimal
Thymus		Cyst	Minimal
Tooth	Incisor	Developmental Malformation	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 210

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 725

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852229

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Liver

Lung

Skin

Stomach - Forestomach

Stomach - Glandular

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**OBSERVATIONS**

Lymph Node

Mesenteric

Pigmentation

Minimal

Note: PIGMENT TGLs = 3-6

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 211	<b>TRT#:</b> 7 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 603 <b>HISTO:</b> A852230
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Testes
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Heart	Myocardium	Degeneration	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 6-13			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 7-6+6.1			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Skin		Sarcoma	
Note: SARCOMA TGLs = 1,2-11+12			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 5-8			
Stomach	Glandular	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 212

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 725

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852231

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Stomach - Forestomach

Intestine Small - Ileum

**OBSERVATIONS**

Intestine Large  
Intestine Small  
Lymph Node

Cecum, Lymphoid Tiss  
Jejunum, Lymphoid Tiss  
Mesenteric

Hyperplasia  
Hyperplasia  
Angiectasis

Lymphoid, Mild  
Lymphoid, Mild  
Minimal

Note: ANGIECTASIS TGLs = 4-6

Skin

Fibroma

Note: FIBROMA TGLs = 3-11

Stomach

Glandular, Mucosa

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 213

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 581

**DOSE:** 1.0%

**DISP:** Moribund

**HISTO:** A852232

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Liver	Hepatocyte	Necrosis	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Skin		Sarcoma	
Note: SARCOMA	TGLs = 3-11		
Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 214

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 721

**DOSE:** 1.0%

**DISP:** Dead

**HISTO:** A852233

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Epididymis  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Nose  
Prostate  
Stomach - Glandular  
Urinary Bladder

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Colon  
Islets, Pancreatic  
Pancreas  
Salivary Glands  
Testes

Bone  
Gallbladder  
Intestine Large - Rectum  
Lung  
Parathyroid Gland  
Seminal Vesicle  
Thyroid Gland

Bone Marrow  
Heart  
Intestine Small - Ileum  
Lymph Node - Mandibular  
Pituitary Gland  
Stomach - Forestomach  
Trachea

**MISSING**

Mammary Gland

**AUTO PRECLUDES DIAG.**

Intestine Small - Duodenum

**OBSERVATIONS**

Brain  
Kidney  
Liver  
Lymph Node  
  
Skin  
    Note: ULCER      TGLs = 3,4-11  
Spleen  
Thymus

Thalamus  
  
Hepatocyte  
Mesenteric  
Mesenteric

Mineralization  
Nephropathy  
Necrosis  
Angiectasis  
Hematopoietic Cell Proliferation  
Ulcer  
  
Hematopoietic Cell Proliferation  
Atrophy

Mild  
Minimal  
Minimal  
Moderate  
Mild  
Moderate  
  
Mild  
Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 215

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 722

**DOSE:** 1.0%

**DISP:** Moribund

**HISTO:** A852234

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Parathyroid Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-8		
Note: CYST	TGLs = 6-8		
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 3-11		
Spleen	Red Pulp	Depletion Cellular	Mild
Note: DEPLETION	TGLs = 4-8		
Stomach	Forestomach	Hyperkeratosis	Minimal
Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 216

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 115

**DOSE:** 1.0%

**DISP:** Dead

**HISTO:** A83028202

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tissue NOS	Trachea	

**MISSING**

Mammary Gland

**AUTO PRECLUDES DIAG.**

Gallbladder

**OBSERVATIONS**

Heart		Inflammation	Acute, Mild
Kidney	Pelvis	Inflammation	Acute, Mild
		Nephropathy	Mild
Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Mesenteric	Pigmentation	Minimal
Spleen		Hematopoietic Cell Proliferation	Marked

Note: HEMA CELL PROL TGLs = 4-2

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 217

TRT#: 7

SEX: Male

DAY ON TEST: 422

DOSE: 1.0%

DISP: Moribund

HISTO: 84031684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Dilatation	Moderate
		Infarct	Chronic, Mild
Note: DILATATION	TGLs = 4-7		
Liver		Hepatocellular Adenoma	
Lymph Node	Lymphocyte, Mesenteric	Necrosis	Minimal
Parathyroid Gland		Cyst	Mild
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 1-15		
Prostate		Inflammation	Acute, Minimal
Spleen	Lymphocyte	Necrosis	Mild
Thymus	Cortex	Necrosis	Moderate
Urethra		Calculus Micro Observation Only	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 218

TRT#: 7

SEX: Male

DAY ON TEST: 673

DOSE: 1.0%

DISP: Moribund

HISTO: A852237

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Cortex	Hypertrophy	Focal, Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Kidney	Renal Tubule	Hypertrophy	Minimal
Lymph Node	Mesenteric	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal
Skin		Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-11		
Stomach	Glandular	Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 219

TRT#: 7

SEX: Male

DAY ON TEST: 125

DOSE: 1.0%

DISP: Dead

HISTO: A83028307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Lymph Node - Mandibular	Mammary Gland	Seminal Vesicle
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Heart		Inflammation	Acute, Marked
Kidney	Pelvis	Inflammation	Acute, Moderate
		Nephropathy	Mild
Liver		Hematopoietic Cell Proliferation	Mild
Lung		Congestion	Moderate
Note: CONGESTION TGLs = 4-4			
Prostate		Inflammation	Chronic, Moderate
Skin	Dermis	Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 2-2			
Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 220

TRT#: 7

SEX: Male

DAY ON TEST: 421

DOSE: 1.0%

DISP: Dead

HISTO: A84031685

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Epididymis  
Intestine Large - Rectum  
Islets, Pancreatic  
Pancreas  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Parathyroid Gland  
Seminal Vesicle  
Testes

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mandibular  
Pituitary Gland  
Skin  
Thyroid Gland

Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Nose  
Prostate  
Stomach - Forestomach  
Trachea

**MISSING**

Mammary Gland                      Thymus

**AUTO PRECLUDES DIAG.**

Gallbladder

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Heart	Interstitial	Fibrosis	Mild
Kidney		Nephropathy	Moderate
Liver		Hematopoietic Cell Proliferation	Mild
	Hepatocyte	Necrosis	Mild
Lymph Node	Inguinal	Hyperplasia	Plasma Cell, Mild
Note: HYPERPLASIA    TGLs = 4-10			
Preputial Gland	Duct	Ectasia	Mild
Note: ECTASIA        TGLs = 3-15			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL    TGLs = 5-2			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 221	<b>TRT#:</b> 7 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 725 <b>HISTO:</b> A852240
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Liver	Lung
Stomach - Forestomach	Stomach - Glandular		

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**OBSERVATIONS**

Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
Skin		Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-11		

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**PRIMARY CAUSE OF DEATH**

-

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Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 222

TRT#: 7

SEX: Male

DAY ON TEST: 648

DOSE: 1.0%

DISP: Moribund

HISTO: A852241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Infarct	Chronic, Mild
		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 4-12			
Lymph Node	Mesenteric	Angiectasis	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Preputial Gland		Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 2-13			
Seminal Vesicle		Depletion Cellular	Moderate
Note: DEPLETION TGLs = 7-7			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-8			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 223	<b>TRT#:</b> 7 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 725 <b>HISTO:</b> A852242
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Liver	Stomach - Forestomach
Stomach - Glandular			

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**OBSERVATIONS**

Lymph Node	Mesenteric	Angiectasis	Minimal
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 224	<b>TRT#:</b> 7 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b> A852243
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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Lung	Skin	Stomach - Forestomach
Stomach - Glandular			

---

**OBSERVATIONS**

Intestine Small Note: HYPERPLASIA TGLs = 2-5	Jejunum, Lymphoid Tiss	Hyperplasia	Lymphoid, Moderate
Liver		Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 225

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 1.0%

DISP: Dead

HISTO: A852244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Moderate
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Fibrosarcoma	Metastatic (Skin)
Note: ALV BRON ADEN TGLs = 4,5-6			
Skin		Fibrosarcoma	
Note: FIBROSARC TGLs = 3-11			
Spleen		Angiectasis	Mild
Thymus		Atrophy	Moderate
Thyroid Gland		Ultimobranchial Cyst	Mild
Tooth	Incisor	Developmental Malformation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 226	<b>TRT#:</b> 7 <b>DOSE:</b> 1.0%	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 87 <b>HISTO:</b> A83028010
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Nose	Pancreas
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

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**MISSING**

Mammary Gland

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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	

---

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Kidney	Papilla	Necrosis	Moderate
Note: NECROSIS      TGLs = 6-6			
Lung		Congestion	Mild
Note: CONGESTION      TGLs = 7-4			
Parathyroid Gland		Cyst	Minimal
Prostate		Inflammation	Acute, Mild
Spleen	Lymphocyte	Necrosis	Mild
Thymus		Atrophy	Moderate
Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Acute, Mild

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Note: (INFLAMMATION) TGL 4-6B

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**PRIMARY CAUSE OF DEATH**      -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 227

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852246

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Forestomach

Intestine Large - Colon  
Intestine Small - Jejunum  
Stomach - Glandular

Intestine Large - Rectum  
Liver

Intestine Small - Duodenum  
Lung

**OBSERVATIONS**

Lymph Node

Mesenteric

Hematopoietic Cell Proliferation

Minimal

Mesenteric

Hyperplasia

Lymphoid, Mild

Skin

Dermis

Inflammation

Chronic, Mild

Note: INFLAMMATION TGLs = 1-11

**PRIMARY CAUSE OF DEATH**

-



Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 228	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 721
	<b>DOSE:</b> 1.0%	<b>DISP:</b> Dead	<b>HISTO:</b> A852247

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Epididymis	Esophagus
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Testes
Trachea			

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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Mammary Gland
Stomach - Forestomach	Stomach - Glandular	Urinary Bladder	

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Medulla	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Moderate
Heart	Interstitium	Fibrosis	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC	TGLs = 3,4,5-11+12		
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALV BRON CARC	TGLs = 6,7-6		
Lymph Node	Mesenteric	Angiectasis	Moderate
Thymus		Atrophy	Mild
Thyroid Gland	Follicular Cel	Adenoma	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 229

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 79

**DOSE:** 1.0%

**DISP:** Dead

**HISTO:** A83027990

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Nose	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland	Parathyroid Gland	Thymus
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**OBSERVATIONS**

Heart	Endocardium	Inflammation	Acute, Mild
Intestine Large	Rectum	Inflammation	Acute, Mild
Liver	Hepatocyte	Necrosis	Minimal
Note: (NECROSIS) TGL 7-5+I			
Lymph Node	Inguinal, Lymphocyte	Necrosis	Minimal
	Lymphocyte, Mesenteric	Necrosis	Mild
Note: NECROSIS TGLs = 4-8			
Pancreas		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 230      TRT#: 7      SEX: Male      DAY ON TEST: 515  
DOSE: 1.0%      DISP: Dead      HISTO: A852249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Islets, Pancreatic	Kidney
Lung	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Heart	Myocardium	Mineralization	Minimal
Liver	Hepatocyte	Hepatocellular Carcinoma	
		Necrosis	Mild
Note: HEPATOCLR CARC    TGLs = 6-12			
Lymph Node	Mesenteric	Inflammation	Acute, Mild
Skin		Fibrosarcoma	
Note: FIBROSARC      TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1

TRT#: 2

SEX: Female

DAY ON TEST: 723

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Nose
Parathyroid Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Moderate Minimal
Kidney		Casts Protein Lymphoma Malignant Mixed	Mild
Lung		Lymphoma Malignant Mixed	
Lymph Node	Iliac Mandibular Mesenteric Renal	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5,6-7+13+14			
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC TGLs = 2-12			
Ovary	Periovarn Tiss	Cyst Lymphoma Malignant Mixed	Minimal
Pancreas		Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 1-11			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-8			
Thymus		Lymphoma Malignant Mixed	
Urinary Bladder		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:26

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

**Lab:** SRI

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**ANIMAL ID:** 1

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 723

**DOSE:** UNTREATD CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A852260

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 723
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852261

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	Uterus

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
	Cortex, Corticomed Jct	Pigmentation	Minimal
Brain	Thrd Ventrl	Infiltration Cellular	Lipocyte, Mild
	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Mild
Pancreas	Duct	Ectasia	Mild
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 1-11		
Stomach	Glandular	Mineralization	Mild
Thymus		Cyst	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 673
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Moribund	<b>HISTO:</b> A852262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Blood			
Note: ATYPICAL MONONUCLEAR CELLS OBSERVED ON BLOOD SMEAR.			
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Duodenum	Histiocytic Sarcoma	
	Ileum	Histiocytic Sarcoma	
	Jejunum	Histiocytic Sarcoma	
Liver		Hematopoietic Cell Proliferation	Minimal
		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Note: HISTIO SARC TGLs = 6,7-3+6+11			
Ovary		Atrophy	Moderate
	Periovarn Tiss	Inflammation	Chronic, Moderate
		Pigmentation	Ceroid, Moderate
Note: INFLAMMATION TGLs = 2-7			
Pancreas	Acinar Cell	Atrophy	Marked
	Duct	Ectasia	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 673
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Moribund	<b>HISTO:</b> A852262

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ECTASIA Spleen	TGLs = 4-5		Hematopoietic Cell Proliferation Histiocytic Sarcoma	Mild
Note: HISTIO SARC Thyroid Gland	TGLs = 5-8		Inflammation	Acute, Minimal
Uterus		Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 3-7			

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4

TRT#: 2

SEX: Female

DAY ON TEST: 694

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A852263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Nose	Parathyroid Gland
Salivary Glands	Thyroid Gland	Trachea	

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Mammary Gland	Ovary	Pancreas
Skin	Stomach - Forestomach	Stomach - Glandular	Urinary Bladder
Uterus			

OBSERVATIONS

Brain	Cerebellum	Compression	Moderate
	Thalamus	Mineralization	Minimal
Note: COMPRESSION TGLs = 3-1			
Heart	Interstitium	Fibrosis	Minimal
Lung		Lymphoma Malignant	
Lymph Node	Mesenteric	Autolysis	Marked
	Mandibular	Lymphoma Malignant	
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA TGLs = 2-2			
Spleen		Lymphoma Malignant	
Note: AUTOLYSIS PRECLUDED DETERMINATION OF LYMPHOMA CELL TYPE.			
Note: LYMPH MAL TGLs = 1-8			
Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

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<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 655
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Moribund	<b>HISTO:</b> A852264

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

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**AUTO PRECLUDES DIAG.**

Thymus

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Moderate Minimal
Heart	Interstitium	Fibrosis	Minimal
Ovary		Atrophy Mineralization Pigmentation	Moderate Minimal Ceroid, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-7.1+11			
Spinal Cord	Nerve	Demyelination	Mild
Stomach	Glandular	Mineralization	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-7			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 723
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach - Forestomach	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Moderate Minimal
Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Large	Cecum, Lymphoid Tiss	Hyperplasia	Lymphoid, Minimal
Kidney		Nephropathy	Mild
Liver		Fibrosis Inflammation	Focal, Mild Chronic, Mild
Note: INFLAMMATION TGLs = 3-12 Note: FIBROSIS TGLs = 3-12			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 1-11			
Stomach	Glandular	Inflammation	Acute, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7

TRT#: 2

SEX: Female

DAY ON TEST: 723

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Marked
		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Adenoma	
Kidney	Cortex	Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
Ovary		Abscess	Marked
		Atrophy	Mild
		Pigmentation	Ceroid, Moderate
Note: ABSCESS	TGLs = 1-7		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-2		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 3-8		
Stomach	Glandular, Mucosa	Hyperplasia	Mild
Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Mild
Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 723
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852266

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HYDROMETRA    TGLs = 2-7

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 723
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852267

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Moderate Minimal
Bone Marrow		Myelofibrosis	Minimal
Kidney		Infarct	Chronic, Mild
Liver		Hepatocellular Adenoma	
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 1-11			
Stomach	Glandular, Mucosa	Hyperplasia	Minimal
Thymus		Cyst	Mild
Thyroid Gland	Follicular Cel Follicular Cel	Adenoma Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9

TRT#: 2

SEX: Female

DAY ON TEST: 724

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852268

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Mild
Ovary		Atrophy	Mild
Skin	Dermis	Pigmentation Inflammation	Ceroid, Moderate Chronic, Minimal
Note: INFLAMMATION TGLs = 1-11			
Thyroid Gland		Inflammation	Acute, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 2

SEX: Female

DAY ON TEST: 724

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852269

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Hypocellularity	Mild
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Hyperplasia	Lymphoid, Minimal
Kidney		Casts Protein	Minimal
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Hemorrhage	Mild
Note: HYPERPLASIA TGLs = 2-7	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 11	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 603
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Moribund	<b>HISTO:</b> A852270

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	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
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Thymus

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Ovary	Follicle	Atrophy Cyst Pigmentation	Mild Moderate Ceroid, Moderate
Note: CYST      TGLs = 1-7			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Uterus	Endometrium Endometrium	Hyperplasia Inflammation	Cystic, Mild Acute, Mild
Note: HYPERPLASIA      TGLs = 2-7			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:26  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 12	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 724
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852271

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Thymus

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Hypocellularity	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Mild
Liver	Hepatocyte	Cytomegaly	Focal, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
Ovary		Pigmentation	Ceroid, Mild
Parathyroid Gland		Cyst	Mild
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 1,2-11+12			
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Mineralization	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A852272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Heart		Inflammation	Chronic, Minimal
Kidney	Glomerulus	Inflammation	Membranoprolif, Moderate
Liver		Inflammation	Chronic, Mild
	Hepatocyte	Necrosis	Mild
Lymph Node	Iliac	Inflammation	Chronic, Moderate
	Mesenteric	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 4-11		
Ovary		Abscess	Marked
		Pigmentation	Ceroid, Moderate
Note: ABSCESS	TGLs = 1-7		
Pancreas		Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 3-8		
Thymus	Cortex	Necrosis	Moderate
Uterus		Exudate	Purulent, Mild
	Endometrium	Hyperplasia	Cystic, Minimal
Note: EXUDATE	TGLs = 2-7		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 13	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 687
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Moribund	<b>HISTO:</b> A852272

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 14      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 724  
**DOSE:** UNTREATD CONTROL      **DISP:** Terminal Sacrifice      **HISTO:** A852273

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow	Myeloid Cell	Hyperplasia Myelofibrosis	Moderate Minimal
Brain	Thalamus	Mineralization	Mild
Gallbladder	Wall	Mucocele	Minimal
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Ovary	Follicle Periovarn Tiss	Atrophy Cyst Inflammation	Moderate Mild Acute, Mild
Parathyroid Gland		Pigmentation	Ceroid, Moderate
Skin	Dermis Dermis	Cyst Fibrosis Inflammation	Mild Mild Chronic, Minimal
Note: FIBROSIS      TGLs = 1-11 Note: INFLAMMATION      TGLs = 2-12			
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus		Exudate	Purulent, Moderate
	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:26

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

**Lab:** SRI

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**ANIMAL ID:** 14

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 724

**DOSE:** UNTREATD CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A852273

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 2

SEX: Female

DAY ON TEST: 724

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852274

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Gallbladder	Wall	Mucocele	Minimal
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2-8			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 16	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 724
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852275

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Thymus

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
Mammary Gland		Inflammation	Chronic, Mild
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA      TGLs = 1-2			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 2

SEX: Female

DAY ON TEST: 710

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A852276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Glandular	Thyroid Gland	Trachea

MISSING

Gallbladder	Thymus	Urinary Bladder
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex Cortex, Corticomed Jct	Hyperplasia Inflammation Pigmentation	Mild Acute, Mild Minimal
Blood Vessel	Pulmn Artery	Inflammation	Acute, Mild
Bone Marrow	Myeloid Cell	Hyperplasia Myelofibrosis	Moderate Minimal
Brain	Thalamus	Mineralization	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Casts Protein	Mild
Liver	Glomerulus	Inflammation	Membranoprolif, Marked
	Hepatocyte	Inflammation	Chronic, Moderate
	Hepatocyte	Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
Note: INFLAMMATION	TGLs = 4-11		
Lung	Pleura	Inflammation	Acute, Mild
Lymph Node	Mesenteric	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Inflammation	Chronic, Moderate
	Mesenteric	Inflammation	Acute, Mild
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 1,2-7		
Pituitary Gland	Pars Distalis	Degeneration	Cystic, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 17	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 710
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Dead	<b>HISTO:</b> A852276

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Skin Note: INFLAMMATION TGLs = 5-12	Dermis	Inflammation	Chronic, Mild
Spleen Note: HEMA CELL PROL TGLs = 3-8		Hematopoietic Cell Proliferation	Marked
Stomach	Forestomach	Angiectasis	Mild
Uterus		Exudate	Purulent, Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 18	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 724
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852277

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
	Cortex, Corticomed Jct	Pigmentation	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
Ovary	Follicle	Cyst	Marked
Note: CYST      TGLs = 1-7			
Parathyroid Gland		Ectopic Thymus	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL      TGLs = 3-8			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA      TGLs = 2-7			

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**PRIMARY CAUSE OF DEATH**      -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 19      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 725  
**DOSE:** UNTREATD CONTROL      **DISP:** Terminal Sacrifice      **HISTO:** A852278

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Medulla Cortex, Corticomed Jct	Hyperplasia Pheochromocytoma Benign Pigmentation	Mild  Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Heart	Interstitium	Fibrosis	Minimal
Kidney		Nephropathy	Mild
Ovary		Atrophy Pigmentation	Mild Ceroid, Mild
Pituitary Gland Note: ADENOMA      TGLs = 2-2	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicular Cel Follicle Follicular Cel	Adenoma Cyst Hyperplasia	Minimal Minimal
Uterus Note: HYPERPLASIA      TGLs = 1-7	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 20	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 725
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852279

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Minimal
	Cortex, Spindle Cell	Hyperplasia	Moderate
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Large	Rectum	Inflammation	Chronic, Mild
Kidney		Casts Protein	Mild
	Glomerulus	Inflammation	Membranoprolif, Moderate
Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 6-4			
Lung	Pleura	Inflammation	Chronic, Mild
Lymph Node	Mediastinal	Inflammation	Chronic, Mild
	Mesenteric	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 7-12			
Ovary		Abscess	Marked
		Atrophy	Moderate
		Pigmentation	Ceroid, Mild
Note: ABSCESS TGLs = 4-7			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 20	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 725
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852279

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HEMA CELL PROL TGLs = 5-8  
Uterus

Endometrium

Exudate  
Hyperplasia

Purulent, Mild  
Cystic, Mild

Note: EXUDATE TGLs = 3-7  
Note: HYPERPLASIA TGLs = 2-7

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 2

SEX: Female

DAY ON TEST: 725

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852280

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Moderate Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-11			
Nose	Nasolacrim Dct	Exudate	Purulent, Minimal
Ovary		Pigmentation	Ceroid, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 1-8			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:26  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 22

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 725

**DOSE:** UNTREATD CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A852281

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Mandibular	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
	Medulla	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Lung	Pleura	Inflammation	Chronic, Mild
Ovary		Atrophy	Mild
	Follicle	Cyst	Moderate
		Pigmentation	Ceroid, Moderate
Note: CYST      TGLs = 1-7			
Pancreas	Acinar Cell	Atrophy	Marked
	Duct	Ectasia	Moderate
Note: ECTASIA      TGLs = 3-5			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA      TGLs = 2-7			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 2

SEX: Female

DAY ON TEST: 725

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Moderate Minimal
Brain	Meninges	Infiltration Cellular	Lymphocyte, Moderate
Intestine Large	Cecum, Lymphoid Tiss	Hyperplasia	Lymphoid, Mild
Liver	Hepatocyte	Cytomegaly Hematopoietic Cell Proliferation	Focal, Mild Mild
Lymph Node	Mandibular Mesenteric	Hyperplasia Hyperplasia	Lymphoid, Mild Lymphoid, Mild
Ovary	Periovarn Tiss	Inflammation Pigmentation	Chronic, Moderate Ceroid, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 1-11			
Spleen		Hyperplasia	Lymphoid, Mild
Tooth	Incisor	Abscess	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:26  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 24      TRT#: 2      SEX: Female      DAY ON TEST: 728  
 DOSE: UNTREATD CONTROL      DISP: Terminal Sacrifice      HISTO: A852283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Large	Cecum, Lymphoid Tiss	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
Ovary	Follicle	Atrophy	Mild
		Cyst	Mild
		Pigmentation	Ceroid, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Forestomach	Abscess	Minimal
	Forestomach	Hyperkeratosis	Minimal
	Epithelium, Forestomach	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:26

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852284

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Hypocellularity	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS      TGLs = 2-11			
Ovary		Atrophy Pigmentation	Mild Ceroid, Mild
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Hyperplasia	Mild
Stomach	Glandular	Mineralization	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA      TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 26      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 585  
**DOSE:** UNTREATD CONTROL      **DISP:** Moribund      **HISTO:** A852285

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Trachea	Urinary Bladder		

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Extra Adr Tiss Cortex, Spindle Cell Cortex, Corticomed Jct	Accessory Adrenal Cortical Nodule Hyperplasia Pigmentation	Moderate Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Mild
Heart		Inflammation	Chronic, Minimal
Kidney	Glomerulus	Inflammation	Membranoprolif, Mild
Liver		Hematopoietic Cell Proliferation	Moderate
Lymph Node	Iliac Mediastinal Renal	Hyperplasia Hyperplasia Hyperplasia	Plasma Cell, Moderate Plasma Cell, Moderate Plasma Cell, Moderate
Note: HYPERPLASIA	TGLs = 4,5-11+12		
Mesentery		Inflammation	Chronic, Moderate
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 1,2-7+13		
Pancreas		Inflammation	Acute, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 3-8		
Stomach	Glandular	Mineralization	Mild
Thyroid Gland	Follicle	Cyst	Minimal
Uterus		Abscess	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 26

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 585

**DOSE:** UNTREATD CONTROL

**DISP:** Moribund

**HISTO:** A852285

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Endometrium

Hyperplasia

Cystic, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 27	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852286

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Salivary Glands	Skin	Stomach - Forestomach
Trachea	Urinary Bladder		

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**MISSING**

Intestine Large - Rectum	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Hypocellularity	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Mild
Parathyroid Gland		Cyst	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Mineralization	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Bone

Bone Marrow

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

Mammary Gland

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Stomach - Forestomach

Stomach - Glandular

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland

Cortex, Spindle Cell

Hyperplasia

Moderate

Cortex, Corticomed Jct

Pigmentation

Minimal

Brain

Thalamus

Mineralization

Mild

Gallbladder

Wall

Mucocele

Minimal

Kidney

Nephropathy

Minimal

Liver

Hematopoietic Cell Proliferation

Minimal

Lymph Node

Mesenteric

Hyperplasia

Lymphoid, Minimal

Ovary

Atrophy

Moderate

Pigmentation

Ceroid, Moderate

Inflammation

Chronic, Mild

Skin

Dermis

Note: INFLAMMATION TGLs = 1-11

Spleen

Hematopoietic Cell Proliferation

Mild

Hyperplasia

Lymphoid, Mild

Note: HYPERPLASIA TGLs = 3-8

Uterus

Endometrium

Hyperplasia

Cystic, Mild

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 2

SEX: Female

DAY ON TEST: 616

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A852288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Islets, Pancreatic
Lymph Node - Mandibular	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Trachea			

MISSING

Thymus

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Moderate Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Mild
Heart		Inflammation	Acute, Moderate
Kidney	Corticomed Jct	Embolus Bacterial	Focal, Mild
Liver		Hematopoietic Cell Proliferation	Moderate
Lung		Alveolar/Bronchiolar Adenoma Inflammation	Acute, Moderate
Note: ALV BRON ADEN TGLs = 7-6			
Lymph Node	Mediastinal Renal Renal	Hyperplasia Hyperplasia Inflammation	Plasma Cell, Moderate Plasma Cell, Moderate Acute, Mild
Note: HYPERPLASIA TGLs = 6-11			
Mesentery		Inflammation	Acute, Moderate
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 1,2-7			
Pancreas		Inflammation	Acute, Mild
Skin	Dermis	Inflammation	Acute, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 29	<b>TRT#:</b> 2 <b>DOSE:</b> UNTREATD CONTROL	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 616 <b>HISTO:</b> A852288
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HEMA CELL PROL TGLs = 4-8			
Thyroid Gland	Follicle	Cyst	Mild
Uterus	Endometrium	Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 3-7			

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

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

**ANIMAL ID:** 30

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 559

**DOSE:** UNTREATD CONTROL

**DISP:** Moribund

**HISTO:** A852289

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**AUTO PRECLUDES DIAG.**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Mild
Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: VACUOLIZ CYTO TGLs = 3-4			
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 2-11			
Ovary	Follicle	Cyst	Mild
		Pigmentation	Ceroid, Mild
Uterus		Exudate	Purulent, Mild
	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Stomach - Glandular  
Urinary Bladder

Bone  
Intestine Large - Colon  
Intestine Small - Jejunum  
Pancreas  
Thymus

Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Parathyroid Gland  
Thyroid Gland

Heart  
Intestine Small - Duodenum  
Lymph Node - Mandibular  
Salivary Glands  
Trachea

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland  
Bone Marrow  
Brain  
Eye  
    Note: PHTHISIS BULBI TGLs = 1-11  
Kidney  
    Note: NEPHROPATHY TGLs = 6-13  
Liver  
    Note: HEPATOCLR CARC TGLs = 7-14  
Lung  
Nose  
Ovary  
    Note: CYST TGLs = 3-7  
Pituitary Gland  
Skin  
    Note: INFLAMMATION TGLs = 2-12  
Spleen  
    Note: HEMA CELL PROL TGLs = 5-8  
Stomach

Cortex, Spindle Cell  
Cortex, Corticomed Jct  
Thalamus  
Pleura  
Nasolacrim Dct  
Follicle  
Pars Distalis  
Dermis  
Forestomach

Hyperplasia  
Pigmentation  
Myelofibrosis  
Mineralization  
Phthisis Bulbi  
Nephropathy  
Hepatocellular Carcinoma  
Inflammation  
Inflammation  
Cyst  
Pigmentation  
Adenoma  
Inflammation  
Hematopoietic Cell Proliferation  
Abscess

Mild  
Minimal  
Minimal  
Moderate  
Moderate  
Chronic, Mild  
Chronic, Mild  
Moderate  
Ceroid, Mild  
Chronic, Minimal  
Minimal  
Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 31	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852290

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
	Forestomach	Ulcer	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

Note: HYPERPLASIA TGLs = 4-7

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PRIMARY CAUSE OF DEATH

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**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 618
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Moribund	<b>HISTO:</b> A852291

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

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**INSUFFICIENT TISSUE**

Ovary

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Moderate Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Heart	Interstitium	Fibrosis	Minimal
Kidney		Casts Protein	Mild
Lung		Inflammation	Acute, Mild
Skin		Fibrosarcoma	
Note: FIBROSARC TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-8			
Thymus		Atrophy	Moderate
		Cyst	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 2-7			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Mild
Liver		Inflammation	Acute, Minimal
Ovary	Follicle	Cyst	Moderate
Note: CYST TGLs = 2-7			
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			
Thyroid Gland	Follicle	Cyst	Minimal
Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYDROMETRA TGLs = 3,4-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

**ANIMAL ID:** 34

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** UNTREATD CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A852293

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Brain	Thalamus	Mineralization	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 3-12		
Ovary		Pigmentation	Ceroid, Mild
Pancreas	Perivascular	Inflammation	Chronic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1-11		
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 35	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852294

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Dilatation	Moderate
Lymph Node	Mesenteric Renal	Hyperplasia Hyperplasia	Lymphoid, Minimal Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 3-11			
Ovary	Follicle	Cyst	Moderate
Note: CYST TGLs = 1-7			
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney	Cortex	Metaplasia	Osseous, Minimal
Lymph Node	Mandibular Mesenteric	Hyperplasia Hyperplasia	Lymphoid, Moderate Lymphoid, Minimal
Note: HYPERPLASIA TGLs = 2-4			
Ovary		Pigmentation	Ceroid, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 37      **TRT#:** 2      **SEX:** Female      **DAY ON TEST:** 655  
**DOSE:** UNTREATD CONTROL      **DISP:** Moribund      **HISTO:** A852296

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Mammary Gland	Nose
Pancreas	Pituitary Gland	Salivary Glands	Spleen
Stomach - Forestomach	Trachea		

**MISSING**

Parathyroid Gland      Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone	Vertebra	Granulosa Cell Tumor Malignant	Metastatic (Ovary)
Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Mild
Liver		Granulosa Cell Tumor Malignant	Metastatic (Ovary)
Note: GRANLSA TM MAL    TGLs = 4,5-4+12+13			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Marked
Note: HYPERPLASIA    TGLs = 3-6			
Ovary	Bilateral	Granulosa Cell Tumor Malignant	
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION    TGLs = 1-11			
Stomach	Glandular	Mineralization	Moderate
Thyroid Gland		Granulosa Cell Tumor Malignant	Metastatic (Ovary)
Note: GRANLSA TM MAL    TGLs = 6-14			
Urinary Bladder	Transit Epithe	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA    TGLs = 2-7			

**PRIMARY CAUSE OF DEATH**      -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852297

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Mild
Ovary	Bilateral	Granulosa Cell Tumor Benign Pigmentation	Ceroid, Moderate
Skin	Dermis	Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 39                      TRT#: 2                      SEX: Female                      DAY ON TEST: 730  
 DOSE: UNTREATD CONTROL                      DISP: Terminal Sacrifice                      HISTO: A852298

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS      TGLs = 2-12			
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION      TGLs = 1-11			
Stomach	Forestomach Epithelium, Forestomach Glandular Forestomach	Abscess Hyperplasia Mineralization Ulcer	Minimal Mild Mild Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Exudate Hyperplasia	Purulent, Minimal Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 40	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852299

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Minimal
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Moderate
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1,2-11+12		
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 3-7		

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 41	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852300

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	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	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Mild
Liver		Inflammation	Acute, Minimal
Lymph Node	Mesenteric Mesenteric	Angiectasis Hyperplasia	Minimal Lymphoid, Minimal
Ovary		Pigmentation	Ceroid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Dermis	Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 1-11			
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach Forestomach Epithelium, Forestomach	Abscess Hyperkeratosis Hyperplasia	Mild Mild Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 42      TRT#: 2      SEX: Female      DAY ON TEST: 730  
 DOSE: UNTREATD CONTROL      DISP: Terminal Sacrifice      HISTO: A852301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow	Erythroid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Lymphoma Malignant Mixed	
Kidney		Infarct	Chronic, Mild
		Lymphoma Malignant Mixed	
Liver		Hepatocellular Carcinoma	Multiple
		Lymphoma Malignant Mixed	
Note: HEPATOCLR CARC	TGLs = 5,6,7-11+12+13		
Lung		Lymphoma Malignant Mixed	
Lymph Node	Inguinal Mandibular Mesenteric	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 8-4		
Ovary	Follicle	Cyst	Moderate
Note: CYST	TGLs = 3-7		
Pancreas		Lymphoma Malignant Mixed	
Salivary Glands		Lymphoma Malignant Mixed	
Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 42	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852301

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HEMA CELL PROL	TGLs = 4-8		
Note: LYMPH MAL MIXD	TGLs = 4-8		
Uterus		Hydrometra	Mild
Note: HYDROMETRA	TGLs = 1,2-7		

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



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Infarct Nephropathy	Chronic, Mild Minimal
Lung	Pleura	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric Mesenteric	Hyperplasia Inflammation	Lymphoid, Mild Acute, Mild
Ovary		Atrophy Pigmentation	Mild Ceroid, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-8			
Uterus	Endometrium	Hydrometra Hyperplasia	Moderate Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7			
Note: HYDROMETRA TGLs = 2,3-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852303

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Ovary		Atrophy Inflammation Pigmentation	Mild Acute, Minimal Ceroid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 1-11			
Spleen		Hyperplasia	Lymphoid, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 2

SEX: Female

DAY ON TEST: 661

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A852304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Bone

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Mammary Gland

Nose

Parathyroid Gland

Salivary Glands

Stomach - Forestomach

Stomach - Glandular

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Thymus

INSUFFICIENT TISSUE

Ovary

OBSERVATIONS

Adrenal Gland

Cortex, Spindle Cell

Hyperplasia

Mild

Cortex, Corticomed Jct

Pigmentation

Minimal

Bone Marrow

Myelofibrosis

Mild

Brain

Thalamus

Mineralization

Mild

Kidney

Nephropathy

Minimal

Liver

Lymphoma Malignant Mixed

Lung

Lymphoma Malignant Mixed

Lymph Node

Mandibular

Lymphoma Malignant Mixed

Mediastinal

Lymphoma Malignant Mixed

Mesenteric

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 7-13

Pancreas

Interstitium

Lymphoma Malignant Mixed

Pituitary Gland

Pars Distalis

Hyperplasia

Minimal

Skin

Dermis

Inflammation

Chronic, Mild

Note: INFLAMMATION TGLs = 2-11

Spleen

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 5,6-8+12

Uterus

Endometrium

Hydrometra

Mild

Hyperplasia

Cystic, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:27

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

**Lab:** SRI

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**ANIMAL ID:** 45

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 661

**DOSE:** UNTREATD CONTROL

**DISP:** Moribund

**HISTO:** A852304

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Mild
Mammary Gland	Duct	Dilatation	Mild
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Mild
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA	TGLs = 3-2		
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1-11		
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 2-12		
Note: VAGINAL MASS NOTICED GROSSLY IS ACTUALLY A POLYP, STROMAL OF			
Note: OF THE UTERUS.			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: UNTREATD CONTROL

DISP: Terminal Sacrifice

HISTO: A852306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Mild
Heart	Epicardium	Fibrosis	Mild
Intestine Small	Duodenum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4-12		
Kidney		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-6		
Ovary		Atrophy	Mild
	Periovarn Tiss	Cyst	Moderate
	Periovarn Tiss	Inflammation	Acute, Mild
		Pigmentation	Ceroid, Mild
Note: CYST	TGLs = 1-7		
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-8+13		
Thymus		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 5-13		
Tooth	Incisor	Developmental Malformation	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 47

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** UNTREATD CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** A852306

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Uterus

Endometrium

Hyperplasia

Cystic, Mild

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PRIMARY CAUSE OF DEATH

-

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Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 2

SEX: Female

DAY ON TEST: 610

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A852307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Pancreas	Salivary Glands
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Marked
	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Brain	Thalamus	Mineralization	Mild
Kidney	Glomerulus	Inflammation	Membranoprolif, Mild
		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Marked
Lung			
Note: LEUKEMOID REACTION OBSERVED WITH PULMONARY VESSELS.			
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mediastinal	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mediastinal	Inflammation	Acute, Mild
	Mesenteric	Inflammation	Acute, Mild
Mammary Gland		Inflammation	Chronic, Mild
Mesentery		Inflammation	Acute, Moderate
Ovary		Abscess	Marked
	Follicle	Cyst	Moderate
	Follicle	Hemorrhage	Moderate
		Pigmentation	Ceroid, Mild

Note: CYST TGLs = 3-7

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 48	<b>TRT#:</b> 2	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 610
	<b>DOSE:</b> UNTREATD CONTROL	<b>DISP:</b> Moribund	<b>HISTO:</b> A852307

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ABSCESS TGLs = 2-7+12

Note: TISSUE NOS OBSERVED AT GROSS IS OVARIAN ABSCESS.

Note: HEMORRHAGE TGLs = 3-7

Parathyroid Gland

Pituitary Gland

Skin

Note: INFLAMMATION TGLs = 1-11

Spleen

Note: HEMA CELL PROL TGLs = 4-8

Stomach

Pars Distalis

Dermis

Glandular

Cyst

Degeneration

Inflammation

Hematopoietic Cell Proliferation

Mineralization

Mild

Cystic, Mild

Chronic, Mild

Marked

Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 2

SEX: Female

DAY ON TEST: 501

DOSE: UNTREATD CONTROL

DISP: Dead

HISTO: A852308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Islets, Pancreatic	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mandibular	Salivary Glands
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Heart	Av Valve	Thrombosis	Mild
Kidney	Glomerulus	Inflammation	Membranoprolif, Mild
Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Hyperplasia	Plasma Cell, Mild
	Mesenteric	Hyperplasia	Lymphoid, Moderate
		Hyperplasia	Plasma Cell, Moderate
		Hyperplasia	Lymphoid, Mild

Note: HYPERPLASIA TGLs = 4,5,6-3+3.1+11+12

Note: TWO HYPERPLASIA DIAGNOSIS WERE SITED IN THE LYMPH NODE.

Mesentery		Inflammation	Chronic, Moderate
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 1,2-14			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 3-8			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 49

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 501

**DOSE:** UNTREATD CONTROL

**DISP:** Dead

**HISTO:** A852308

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 2

SEX: Female

DAY ON TEST: 634

DOSE: UNTREATD CONTROL

DISP: Moribund

HISTO: A852309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Histiocytic Sarcoma	
Brain	Thalamus	Mineralization	Mild
Heart	Myocardium	Mineralization	Mild
Intestine Large	Cecum, Submucosa	Edema	Mild
Kidney	Prox Con Tub	Degeneration Histiocytic Sarcoma Nephropathy	Hyaline, Moderate Mild
Liver		Histiocytic Sarcoma	
Note: HISTIO SARC	TGLs = 6-4		
Lung		Histiocytic Sarcoma	
Lymph Node	Iliac Mandibular Mesenteric Renal	Histiocytic Sarcoma Histiocytic Sarcoma Histiocytic Sarcoma Histiocytic Sarcoma	
Note: HISTIO SARC	TGLs = 7,8-13+14		
Ovary		Histiocytic Sarcoma	
Note: HISTIO SARC	TGLs = 3-7		
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss Dermis	Edema Inflammation	Moderate Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 50

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 634

**DOSE:** UNTREATD CONTROL

**DISP:** Moribund

**HISTO:** A852309

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: EDEMA TGLs = 2-11  
Note: INFLAMMATION TGLs = 1-11  
Spleen  
Note: HEMA CELL PROL TGLs = 5-8  
Uterus  
Note: HISTIO SARC TGLs = 4-7+12

Hematopoietic Cell Proliferation

Marked

Histiocytic Sarcoma

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 61

TRT#: 4

SEX: Female

DAY ON TEST: 723

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Meninges	Infiltration Cellular	Lymphocyte, Mild
	Thalamus	Mineralization	Minimal
Heart	Myocardium	Degeneration	Minimal
Kidney		Infarct	Chronic, Mild
		Nephropathy	Minimal
Ovary		Pigmentation	Ceroid, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hyperplasia	Lymphoid, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 62

TRT#: 4

SEX: Female

DAY ON TEST: 723

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney	Cortex	Metaplasia	Osseous, Mild
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Moderate
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 3-11			
Stomach	Forestomach	Abscess	Minimal
	Forestomach	Hyperkeratosis	Minimal
	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
	Glandular	Mineralization	Mild
	Forestomach	Ulcer	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 4-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

<b>ANIMAL ID:</b> 63	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 723 <b>HISTO:</b> A852322
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small Note: PIGMENT TGLs = 4-5	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	Mild
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation	Lymphoid, Minimal Minimal
Ovary		Atrophy Pigmentation	Moderate Ceroid, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach Epithelium, Forestomach	Abscess Hyperplasia	Minimal Multiple, Moderate
Thyroid Gland	Follicle	Cyst	Mild
Uterus Note: HYPERPLASIA TGLs = 1-7	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 64	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 618 <b>HISTO:</b> A852323
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Trachea	Urinary Bladder

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Minimal
Intestine Small Note: LYMPH MAL MIXD TGLs = 6-11	Jejunum	Lymphoma Malignant Mixed	
Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Ovary Note: CYST TGLs = 3-7	Follicle	Cyst Pigmentation	Moderate Ceroid, Mild
Spleen Note: HEMA CELL PROL TGLs = 5-8		Hematopoietic Cell Proliferation	Marked
Stomach	Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperplasia Ulcer	Minimal Mild Minimal
Thyroid Gland	Follicle	Cyst	Minimal
Uterus Note: HYPERPLASIA TGLs = 4-7	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 65

TRT#: 4

SEX: Female

DAY ON TEST: 723

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT	TGLs = 6-4.1		
Kidney		Nephropathy	Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
	Mesenteric	Pigmentation	Minimal
Ovary		Pigmentation	Ceroid, Mild
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4,5-11+12		
Stomach	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
Thymus		Hyperplasia	Lymphoid, Mild
Uterus		Leiomyosarcoma	
Note: LEIOMYOSAR	TGLs = 3-7		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 66

TRT#: 4

SEX: Female

DAY ON TEST: 723

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852325

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Intestine Small Note: PIGMENT TGLs = 5-4.1	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Kidney	Renal Tubule Cortex	Dilatation Metaplasia	Mild Osseous, Mild
Lymph Node Note: PIGMENT TGLs = 4-6	Mesenteric	Pigmentation	Minimal
Ovary		Pigmentation	Ceroid, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Stomach	Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperplasia Ulcer	Minimal Multiple, Mild Mild
Uterus Note: HYPERPLASIA TGLs = 3-7	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 67

TRT#: 4

SEX: Female

DAY ON TEST: 627

DOSE: 5.0%

DISP: Moribund

HISTO: A852326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Myelofibrosis	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney		Casts Protein	Mild
Lymph Node	Mesenteric	Pigmentation	Mild
Ovary		Pigmentation	Ceroid, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	Pars Intermed	Hyperplasia	Mild
Skin		Fibrosarcoma	
	Dermis	Inflammation	Chronic, Minimal
	Epidermis	Pigmentation	Mild
Note: FIBROSARC	TGLs = 4-12		
Note: PIGMENT	TGLs = 1,2-7		
Note: INFLAMMATION	TGLs = 3-11		
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperkeratosis	Mild
	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
	Forestomach	Ulcer	Minimal
Uterus		Exudate	Purulent, Moderate
	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 68                      **TRT#:** 4                      **SEX:** Female                      **DAY ON TEST:** 724  
**DOSE:** 5.0%                      **DISP:** Terminal Sacrifice                      **HISTO:** A852327

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Liver
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Thymus
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Cerebrum	Degeneration	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT      TGLs = 9-4.1			
Kidney	Cortex	Metaplasia Nephropathy	Osseous, Mild Minimal
Lung	Pleura	Inflammation	Chronic, Mild
Lymph Node	Pancreatic Mesenteric	Hyperplasia Pigmentation	Lymphoid, Moderate Mild
Note: PIGMENT      TGLs = 8-6			
Note: HYPERPLASIA      TGLs = 6-8.1			
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION      TGLs = 3-11			
Spleen		Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA      TGLs = 7-8			
Stomach	Forestomach Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperkeratosis Hyperplasia Ulcer	Mild Moderate Multiple, Mild Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 68	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 724 <b>HISTO:</b> A852327
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

Note: HYPERPLASIA TGLs = 5-7

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 69                      **TRT#:** 4                      **SEX:** Female                      **DAY ON TEST:** 724  
**DOSE:** 5.0%                      **DISP:** Terminal Sacrifice                      **HISTO:** A852328

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**INSUFFICIENT TISSUE**

Ovary

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Mild
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Ileum, Lymphoid Tiss Jejunum, Lymphoid Tiss	Pigmentation Pigmentation	Minimal Minimal
Note: PIGMENT      TGLs = 4-5			
Kidney		Casts Protein	Minimal
Lung	Pleura	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Pigmentation	Mild
Note: PIGMENT      TGLs = 5-6			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Stomach	Forestomach Forestomach Epithelium, Forestomach Glandular Forestomach	Abscess Hyperkeratosis Hyperplasia Mineralization Ulcer	Mild Mild Multiple, Mild Minimal Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA      TGLs = 3-7			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 70	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 724 <b>HISTO:</b> A852329
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Brain	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Medulla Cortex, Corticomed Jct	Hyperplasia Hyperplasia Pigmentation	Mild Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Intestine Small Note: PIGMENT TGLs = 6-5.1	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney		Nephropathy	Minimal
Lymph Node Note: PIGMENT TGLs = 5-6.1	Mesenteric	Pigmentation	Mild
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin Note: INFLAMMATION TGLs = 4-11	Dermis	Inflammation	Chronic, Mild
Stomach	Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperplasia Ulcer	Mild Multiple, Moderate Minimal
Uterus Note: HYPERPLASIA TGLs = 3-7	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 71	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 724 <b>HISTO:</b> A852330
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Trachea
Urinary Bladder			

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex Cortex, Corticomed Jct	Hyperplasia Hypertrophy Pigmentation	Mild Focal, Minimal Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Mild
Heart	Interstitium	Fibrosis	Minimal
Intestine Large	Cecum, Lymphoid Tiss	Pigmentation	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT TGLs = 7-5			
Kidney	Cortex	Metaplasia Nephropathy	Osseous, Minimal Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 8-6			
Lymph Node	Mesenteric	Pigmentation	Mild
Nose	Vomeronas Org	Inflammation	Acute, Minimal
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Pituitary Gland	Pars Distalis	Degeneration	Cystic, Mild
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 3,4-11+12			
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach	Abscess	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 71	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 724 <b>HISTO:</b> A852330
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<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
	Forestomach	Hyperkeratosis	Moderate
	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
	Glandular	Mineralization	Minimal
	Forestomach	Ulcer	Mild
Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 6-7		

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

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

<b>ANIMAL ID:</b> 72	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 583 <b>HISTO:</b> A852331
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Mammary Gland	Nose
Parathyroid Gland	Salivary Glands	Skin	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Capsule Cortex, Corticomed Jct	Hyperplasia Lymphoma Malignant Lymphocytic Pigmentation	Mild  Minimal
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Lymphoma Malignant Mixed	
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Islets, Pancreatic		Lymphoma Malignant Lymphocytic	
Kidney		Casts Protein Lymphoma Malignant Lymphocytic	Mild
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 7-6			
Lymph Node	Iliac Mandibular Mediastinal Mesenteric Renal Mesenteric	Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic Pigmentation	     Mild
Note: LYMPH MAL LYMP TGLs = 5,8,9,10-3+6+11+12+13+14			
Ovary		Lymphoma Malignant Lymphocytic	
Pancreas		Lymphoma Malignant Lymphocytic	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Lymphocytic	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 72	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 583 <b>HISTO:</b> A852331
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HEMA CELL PROL TGLs = 4-8

Stomach	Forestomach	Abscess	Minimal
	Forestomach	Hyperkeratosis	Mild
	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Lymphoma Malignant Lymphocytic	
	Glandular	Mineralization	Mild
	Forestomach	Ulcer	Mild
Thymus		Lymphoma Malignant Lymphocytic	
Uterus		Exudate	Purulent, Minimal
	Endometrium	Hyperplasia	Cystic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

<b>ANIMAL ID:</b> 73	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 297 <b>HISTO:</b> A83030354
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Lung		Inflammation	Acute, Minimal
Nose		Exudate	Purulent, Moderate
		Foreign Body	Moderate
		Inflammation	Chronic, Moderate
Ovary		Pigmentation	Ceroid, Minimal
Spleen	Red Pulp	Depletion Cellular	Moderate
Note: DEPLETION TGLS 3-I			
Stomach	Forestomach	Abscess	Minimal
	Forestomach	Hyperkeratosis	Moderate
	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Ulcer	Minimal
	Glandular	Ulcer	Moderate
Thymus		Atrophy	Marked
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 74	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 724 <b>HISTO:</b> A852333
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Salivary Glands	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Intestine Small Note: PIGMENT TGLs = 6-5	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Kidney		Nephropathy	Minimal
Lymph Node Note: PIGMENT TGLs = 5-6	Mesenteric	Pigmentation	Minimal
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Parathyroid Gland		Cyst	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin Note: INFLAMMATION TGLs = 3-11	Dermis	Inflammation	Chronic, Mild
Stomach	Forestomach Epithelium, Forestomach Forestomach	Hyperkeratosis Hyperplasia Ulcer	Minimal Multiple, Mild Mild
Uterus Note: HYPERPLASIA TGLs = 4-7	Endometrium	Hyperplasia Polyp Stromal	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 74

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 724

**DOSE:** 5.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852333

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 75

TRT#: 4

SEX: Female

DAY ON TEST: 725

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: PIGMENT	TGLs = 6-5		
Kidney		Nephropathy	Minimal
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Moderate
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 3-11		
Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Ulcer	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 4-7		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 76	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 725 <b>HISTO:</b> A852335
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Medulla Cortex, Corticomed Jct	Hyperplasia Hyperplasia Pigmentation	Mild Minimal Minimal
Gallbladder	Epithelium	Cytoplasmic Alteration	Mild
Heart	Interstitialium	Fibrosis	Minimal
Intestine Large	Cecum, Lymphoid Tiss	Pigmentation	Minimal
Intestine Small	Duodenum, Submucosa Jejunum, Lymphoid Tiss	Inflammation Pigmentation	Acute, Mild Mild
Note: PIGMENT TGLs = 4-4.1+4.1.1			
Kidney		Nephropathy	Minimal
Liver		Inflammation	Acute, Minimal
Lymph Node	Mesenteric	Pigmentation	Mild
Ovary	Periovarn Tiss	Inflammation Pigmentation	Chronic, Moderate Ceroid, Moderate
Note: INFLAMMATION TGLs = 3-7			
Stomach	Epithelium, Forestomach Glandular Forestomach	Hyperplasia Mineralization Ulcer	Multiple, Minimal Mild Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 77

TRT#: 4

SEX: Female

DAY ON TEST: 588

DOSE: 5.0%

DISP: Dead

HISTO: A852336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Heart
Kidney	Liver	Lymph Node - Mandibular	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Glandular	Thymus	Trachea
Uterus			

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 7-6			
Lymph Node	Mesenteric	Autolysis	Marked
	Mediastinal	Edema	Moderate
Note: EDEMA TGLs = 6-13			
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 4-12			
Skin	Subcut Tiss	Abscess	Moderate
Note: ABSCESS TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Squamous Cell Papilloma	
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 78	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 599 <b>HISTO:</b> A852337
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Esophagus	Heart	Lung
Lymph Node - Mandibular	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Thyroid Gland
Trachea			

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**MISSING**

Mammary Gland	Thymus
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**AUTO PRECLUDES DIAG.**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Pancreas
Spleen	Stomach - Glandular	Urinary Bladder	

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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney	Glomerulus	Inflammation	Membranoprolif, Mild
Lymph Node	Mesenteric	Autolysis	Marked
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 3-7		
Uterus		Exudate	Purulent, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 79	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 725 <b>HISTO:</b> A852338
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Salivary Glands	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Medulla Cortex, Corticomed Jct	Hyperplasia Hyperplasia Pigmentation	Mild Mild Minimal
Bone Marrow		Hemangiosarcoma	
Brain	Thalamus	Mineralization	Mild
Gallbladder	Wall	Mucocele	Minimal
Intestine Small Note: PIGMENT TGLs = 8-5	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney		Nephropathy	Minimal
Lung Note: ALV BRON ADEN TGLs = 9-6		Alveolar/Bronchiolar Adenoma	
Lymph Node Note: PIGMENT TGLs = 7-6	Mesenteric	Pigmentation	Mild
Ovary Note: CYST TGLs = 4-7	Follicle	Cyst Pigmentation	Moderate Ceroid, Minimal
Parathyroid Gland		Ectopic Thymus	Minimal
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Hyperplasia	Minimal
Skin Note: INFLAMMATION TGLs = 3-11	Dermis	Inflammation	Chronic, Mild
Spleen Note: HEMA CELL PROL TGLs = 6-8		Angiectasis Hematopoietic Cell Proliferation	Mild Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 79	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 725 <b>HISTO:</b> A852338
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Stomach	Forestomach	Abscess	Moderate
	Forestomach	Hyperkeratosis	Minimal
	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
	Forestomach	Ulcer	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

Note: HYPERPLASIA      TGLs = 5-7

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

<b>ANIMAL ID:</b> 80	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 725
	<b>DOSE:</b> 5.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852339

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Pigmentation	Mild
Note: PIGMENT	TGLs = 5-6		
Ovary	Follicle	Cyst	Mild
		Pigmentation	Ceroid, Mild
Note: CYST	TGLs = 3-7		
Pancreas		Cytoplasmic Alteration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Forestomach	Abscess	Mild
	Forestomach	Hyperkeratosis	Minimal
	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
	Forestomach	Ulcer	Minimal
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 81	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 725 <b>HISTO:</b> A852340
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small Note: PIGMENT TGLs = 6-5	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Kidney		Nephropathy	Minimal
Liver Note: HEPATOCLR ADEN TGLs = 5-12		Hepatocellular Adenoma Inflammation	Acute, Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin Note: INFLAMMATION TGLs = 3-11	Dermis	Inflammation	Chronic, Minimal
Stomach	Epithelium, Forestomach Forestomach	Hyperplasia Ulcer	Multiple, Mild Moderate
Thyroid Gland	Follicular Cel Follicular Cel	Adenoma Hyperplasia	Minimal
Uterus Note: HYPERPLASIA TGLs = 4-7	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 82	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> 5.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852341

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Trachea	Urinary Bladder

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Lymph Node	Mesenteric	Pigmentation	Mild
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Moderate
Pancreas	Duct	Ectasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
Thymus		Cyst	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

Note: POLYP STROMAL TGLs = 1-11

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 83

TRT#: 4

DOSE: 5.0%

SEX: Female

DISP: Moribund

DAY ON TEST: 652

HISTO: A852342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 9-8			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Axillary Iliac Inguinal Mandibular Mesenteric Pancreatic Renal	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4+5+6+7+11+12+13			
Note: LYMPH MAL MIXD TGLs = 3,4,5,7,11,12,15 -			
Ovary	Follicle Periovarn Tiss	Cyst Lymphoma Malignant Mixed Pigmentation	Minimal Ceroid, Mild
Pancreas		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 8-8			
Stomach	Forestomach Epithelium, Forestomach Forestomach	Hyperkeratosis Hyperplasia Inflammation	Minimal Mild Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 83	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 652 <b>HISTO:</b> A852342
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<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
Thymus Note: LYMPH MAL MIXD TGLs = 14-14	Glandular	Mineralization Lymphoma Malignant Mixed	Minimal
Thyroid Gland	Follicle	Cyst	Minimal
Urinary Bladder		Lymphoma Malignant Mixed	
Uterus Note: HYPERPLASIA TGLs = 6-7	Endometrium	Hyperplasia	Cystic, Mild

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

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 84

TRT#: 4

DOSE: 5.0%

SEX: Female

DISP: Dead

DAY ON TEST: 553

HISTO: A852343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Islets, Pancreatic  
Mammary Gland  
Pituitary Gland  
Thyroid Gland

Bone  
Kidney  
Nose  
Salivary Glands  
Trachea

Bone Marrow  
Liver  
Pancreas  
Skin

Esophagus  
Lymph Node - Mandibular  
Parathyroid Gland  
Stomach - Glandular

MISSING

Thymus

AUTO PRECLUDES DIAG.

Gallbladder  
Intestine Small - Duodenum

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Urinary Bladder

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland  
Note: MESENTERY MASS IS ADRENAL GLAND PHEOCHROMOCYTOMA.  
Note: PHEOCHROM MAL TGLs = 5-11

Medulla  
Pheochromocytoma Malignant

Brain  
Heart  
Intestine Small

Thalamus  
Interstitial  
Jejunum, Lymphoid Tiss

Mineralization  
Fibrosis  
Pigmentation

Minimal  
Minimal  
Minimal

Lung  
Lymph Node  
Note: TUMOR.  
Note: THYMIC MASS IS MEDIASTINAL LYMPH NODE WITH METASTATIC  
Note: PHEOCHROM MAL TGLs = 7-3

Mediastinal  
Pheochromocytoma Malignant

Pheochromocytoma Malignant  
Pheochromocytoma Malignant

Metastatic (Adrenal Gland)  
Metastatic (Adrenal Gland)

Mesentery  
Note: PHEOCHROM MAL TGLs = 6-12

Pheochromocytoma Malignant  
Metastatic (Adrenal Gland)

Ovary  
Spleen  
Stomach  
Tongue  
Uterus  
Note: HYPERPLASIA TGLs = 3-7

Epithelium, Forestomach  
Endometrium

Pigmentation  
Hematopoietic Cell Proliferation  
Hyperplasia  
Angiectasis  
Hyperplasia

Ceroid, Mild  
Mild  
Multiple, Mild  
Mild  
Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 84

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 553

**DOSE:** 5.0%

**DISP:** Dead

**HISTO:** A852343

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 85                      TRT#: 4                      SEX: Female                      DAY ON TEST: 728  
 DOSE: 5.0%                      DISP: Terminal Sacrifice                      HISTO: A852344

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Moderate
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT      TGLs = 6-4.1			
Kidney		Lymphoma Malignant Mixed	
Lymph Node	Iliac Mesenteric Renal	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD      TGLs = 4,5-11+12			
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Lymphoma Malignant Mixed	
Stomach	Forestomach Epithelium, Forestomach Glandular Forestomach	Abscess Hyperplasia Mineralization Ulcer	Minimal Multiple, Mild Mild Minimal
Thymus		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Marked
Note: HYPERPLASIA      TGLs = 3-7			

PRIMARY CAUSE OF DEATH      -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 86	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b> A852345
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 6,7-11+12			
Ovary	Follicle	Atrophy Cyst Pigmentation	Mild Mild Ceroid, Moderate
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperplasia Ulcer	Minimal Multiple, Minimal Minimal
Thymus		Hyperplasia	Lymphoid, Moderate
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hemorrhage Hyperplasia	Mild Cystic, Mild

Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 87

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
	Mesenteric	Pigmentation	Minimal
Note: PIGMENT	TGLs = 6-6		
Ovary		Atrophy	Mild
	Follicle	Cyst	Minimal
		Pigmentation	Ceroid, Moderate
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 2,3-7+11+12		
Spleen		Hyperplasia	Lymphoid, Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Multiple, Minimal
	Forestomach	Ulcer	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 4-13		
Note: HYPERPLASIA	TGLs = 5-7		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

<b>ANIMAL ID:</b> 89	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 515
	<b>DOSE:</b> 5.0%	<b>DISP:</b> Dead	<b>HISTO:</b> A852348

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Histiocytic Sarcoma	
Kidney	Prox Con Tub	Degeneration Histiocytic Sarcoma	Hyaline, Moderate
Liver		Histiocytic Sarcoma	
Note: HISTIO SARC	TGLs = 5,6,7-4+11+12		
Lung		Histiocytic Sarcoma	
Note: HISTIO SARC	TGLs = 8-6		
Lymph Node	Mediastinal Mesenteric	Histiocytic Sarcoma Pigmentation	Minimal
Nose	Vomeronas Org	Histiocytic Sarcoma	
Ovary		Atrophy	Mild
Parathyroid Gland		Cyst	Mild
Spleen		Hematopoietic Cell Proliferation Histiocytic Sarcoma	Moderate
Note: HISTIO SARC	TGLs = 4-8		
Stomach	Epithelium, Forestomach Forestomach	Hyperplasia Inflammation	Minimal Chronic, Mild
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 90	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b> A852349
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Mild
Brain	Cerebrum Thalamus	Compression Mineralization	Mild Minimal
Heart	Myocardium	Degeneration	Minimal
Intestine Large	Cecum, Lymphoid Tiss	Pigmentation	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT TGLs = 7-5			
Kidney		Lymphoma Malignant Undifferentiated Cell Type Nephropathy	Minimal
Liver		Hepatocellular Carcinoma Lymphoma Malignant Undifferentiated Cell Type	
Note: HEPATOCLR CARC TGLs = 8-12			
Lymph Node	Mesenteric Mesenteric	Lymphoma Malignant Undifferentiated Cell Type Pigmentation	Mild
Note: PIGMENT TGLs = 6-6			
Mammary Gland	Duct	Dilatation	Mild
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA TGLs = 9-2			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3-11			
Spleen		Lymphoma Malignant Undifferentiated Cell Type	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 90	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b> A852349
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: LYMPH MAL UNDF TGLs = 5-8			
Stomach	Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperplasia Ulcer	Mild Multiple, Moderate Mild
Thyroid Gland		Inflammation	Acute, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 4-7			
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 91	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> A852350
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Liver	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Stomach - Glandular
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow	Myeloid Cell	Hyperplasia Myelofibrosis	Minimal Minimal
Brain	Meninges Thalamus	Lymphoma Malignant Lymphocytic Mineralization	Minimal Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Small Note: PIGMENT TGLs = 5-4.1	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Kidney		Lymphoma Malignant Lymphocytic Nephropathy	Minimal
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node Note: LYMPH MAL LYMP TGLs = 4-6	Mandibular Mesenteric	Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic	
Ovary		Atrophy Cyst	Mild Mild
	Follicle Follicle	Hemorrhage Pigmentation	Mild Ceroid, Moderate
Pancreas		Lymphoma Malignant Lymphocytic	
Pituitary Gland	Pars Nervosa	Lymphoma Malignant Lymphocytic	
Skin Note: INFLAMMATION TGLs = 2-7+11	Dermis	Inflammation	Chronic, Mild
Spleen		Lymphoma Malignant Lymphocytic	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 91	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> A852350
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: LYMPH MAL LYMP TGLs = 3-8			
Stomach	Forestomach Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperkeratosis Hyperplasia Ulcer	Mild Mild Multiple, Moderate Mild
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

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

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 92

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 5.0%

DISP: Terminal Sacrifice

HISTO: A852351

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT	TGLs = 3-5		
Kidney		Casts Protein	Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
Ovary		Atrophy	Moderate
		Pigmentation	Ceroid, Moderate
Parathyroid Gland		Cyst	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Forestomach	Abscess	Mild
	Epithelium, Forestomach	Hyperplasia	Multiple, Moderate
	Forestomach	Ulcer	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

<b>ANIMAL ID:</b> 93	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 658 <b>HISTO:</b> A852352
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex	Adenoma	
	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Blood Vessel	Aorta	Polyarteritis	Moderate
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney	Glomerulus	Amyloid Deposition	Marked
		Casts Protein	Moderate
	Cortex	Metaplasia	Osseous, Mild
Note: AMYLOID DEP	TGLs = 7-8		
Note: CASTS PROTEIN	TGLs = 8-8		
Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Lymph Node	Arteriole, Mandibular	Amyloid Deposition	Mild
	Mandibular	Inflammation	Granulomatous, Moderate
	Mesenteric	Pigmentation	Mild
Mammary Gland	Acinus	Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS	TGLs = 5-12		
Ovary		Atrophy	Mild
		Cystadenocarcinoma	
Note: CYSTADENOCARC	TGLs = 6-7		
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 4-11		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 93	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 658 <b>HISTO:</b> A852352
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<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Abscess	Minimal
	Forestomach, Submucosa	Edema	Mild
	Glandular, Submucosa	Edema	Mild
	Epithelium, Forestomach	Hyperplasia	Multiple, Minimal
	Glandular	Mineralization	Mild
	Forestomach	Ulcer	Minimal
Note: EDEMA	TGLs = 10-5		
Thymus		Atrophy	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

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

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 94

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 585

**DOSE:** 5.0%

**DISP:** Moribund

**HISTO:** A852353

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Myelofibrosis	Minimal
Intestine Large	Cecum, Lymphoid Tiss	Hyperplasia	Lymphoid, Minimal
	Cecum, Lymphoid Tiss	Pigmentation	Minimal
Lymph Node	Mesenteric	Pigmentation	Minimal
Ovary		Atrophy	Minimal
		Pigmentation	Ceroid, Mild
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 3-11		
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Abscess	Minimal
	Epithelium, Forestomach	Hyperplasia	Multiple, Moderate
Thymus		Cyst	Minimal
Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Mild
Note: HYDROMETRA	TGLs = 4,5-7		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 95

TRT#: 4

SEX: Female

DAY ON TEST: 633

DOSE: 5.0%

DISP: Moribund

HISTO: A852354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney	Prox Con Tub	Degeneration	Hyaline, Mild
Liver	Kupffer Cell	Hyperplasia	Moderate
Lung		Sarcoma	Metastatic (Skin)
Note: SARCOMA	TGLs = 8,9-6		
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Mammary Gland	Duct	Dilatation	Mild
	Acinus	Hyperplasia	Moderate
Note: DILATATION	TGLs = 3-7		
Ovary		Atrophy	Mild
	Follicle	Cyst	Mild
		Pigmentation	Ceroid, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Note: ADENOMA	TGLs = 10-2		
Skin		Sarcoma	
Note: SARCOMA	TGLs = 4,5-11		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 7-8		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 95	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 633 <b>HISTO:</b> A852354
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<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
Stomach	Forestomach	Abscess	Minimal
	Forestomach	Hyperkeratosis	Mild
	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Ulcer	Minimal
Thyroid Gland	Follicle	Cyst	Minimal
	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Note: HYPERPLASIA TGLs = 6-7		

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

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 96	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> A852355
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Moderate Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Small Note: PIGMENT TGLs = 4-4.1	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Pigmentation	Minimal
Nose		Inflammation	Acute, Minimal
Ovary		Atrophy Pigmentation	Mild Ceroid, Mild
Skin	Dermis	Inflammation	Chronic, Mild
Stomach Note: INFLAMMATION TGLs = 3-11	Forestomach Forestomach Epithelium, Forestomach Glandular Forestomach	Abscess Hyperkeratosis Hyperplasia Mineralization Ulcer	Minimal Minimal Minimal Mild Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 97	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> A852356
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Trachea	Urinary Bladder

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Intestine Small Note: PIGMENT TGLs = 5-5	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney		Nephropathy	Mild
Lymph Node Note: PIGMENT TGLs = 4-6	Mesenteric	Pigmentation	Minimal
Ovary		Pigmentation	Ceroid, Mild
Pituitary Gland Note: ADENOMA TGLs = 6-2	Pars Distalis	Adenoma	
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach Epithelium, Forestomach Glandular Forestomach	Abscess Hyperplasia Mineralization Ulcer	Minimal Mild Minimal Minimal
Thyroid Gland	Follicular Cel Follicular Cel	Adenoma Hyperplasia	Mild
Uterus Note: POLYP STROMAL TGLs = 3-11	Endometrium	Hyperplasia Polyp Stromal	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:27

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

**Lab:** SRI

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**ANIMAL ID:** 97

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 5.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852356

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 98	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> A852357
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Intestine Small Note: PIGMENT TGLs = 5-5	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Kidney		Nephropathy	Minimal
Lymph Node Note: PIGMENT TGLs = 6-6	Mesenteric	Pigmentation	Mild
Ovary Note: CYST TGLs = 2,3-7	Follicle	Cyst Pigmentation	Mild Ceroid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Stomach	Epithelium, Forestomach Forestomach	Hyperplasia Ulcer	Moderate Minimal
Thyroid Gland		Ultimobranchial Cyst	Mild
Uterus Note: HYPERPLASIA TGLs = 4-7	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 99	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852358
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Liver
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Mild
Intestine Small Note: PIGMENT TGLs = 5-5	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney	Renal Tubule	Dilatation Nephropathy	Mild Minimal
Lung Note: ALV BRON CARC TGLs = 7-6		Alveolar/Bronchiolar Carcinoma	
Lymph Node Note: PIGMENT TGLs = 4-6	Mesenteric	Pigmentation	Mild
Ovary		Atrophy Pigmentation	Mild Ceroid, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
Skin Note: INFLAMMATION TGLs = 2-11	Dermis	Inflammation	Chronic, Minimal
Stomach	Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperplasia Ulcer	Mild Mild Mild
Uterus Note: HYPERPLASIA TGLs = 3-7	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 100

TRT#: 4

DOSE: 5.0%

SEX: Female

DISP: Moribund

DAY ON TEST: 667

HISTO: A852359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Large	Cecum, Lymphoid Tiss	Pigmentation	Minimal
Kidney	Glomerulus	Inflammation	Membranoprolif, Mild
Note: INFLAMMATION	TGLs = 5-8		
Liver		Hematopoietic Cell Proliferation	Moderate
Lymph Node	Iliac	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Plasma Cell, Moderate
	Mandibular	Inflammation	Acute, Minimal
	Mesenteric	Inflammation	Acute, Minimal
	Lymphocyte, Renal	Necrosis	Mild
	Mesenteric	Pigmentation	Minimal
Note: HYPERPLASIA	TGLs = 6,7-11+12		
Ovary		Abscess	Marked
		Atrophy	Mild
		Pigmentation	Ceroid, Mild
Note: ABSCESS	TGLs = 3-7		
Pituitary Gland	Pars Distalis	Degeneration	Cystic, Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 100	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 667 <b>HISTO:</b> A852359
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen Note: HEMA CELL PROL TGLs = 4-8		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperplasia Ulcer	Mild Mild Mild
Thyroid Gland		Ultimobranchial Cyst	Minimal
Uterus	Endometrium	Exudate Hyperplasia	Purulent, Mild Cystic, Mild

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 101	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852360
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Esophagus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Jejunum Jejunum, Lymphoid Tiss	Lymphoma Malignant Mixed Pigmentation	Minimal
Note: LYMPH MAL MIXD TGLs = 6-13 Note: PIGMENT TGLs = 8-13			
Kidney		Lymphoma Malignant Mixed	
Liver		Hepatocellular Carcinoma Lymphoma Malignant Mixed	
Note: HEPATOCLR CARC TGLs = 7-14			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular Mediastinal Mesenteric	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-4+12			
Mammary Gland	Duct	Dilatation	Minimal
Ovary		Atrophy Pigmentation	Mild Ceroid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Skin	Dermis	Inflammation	Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 101	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852360
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: INFLAMMATION TGLs = 1-11			
Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Mild
Note: LYMPH MAL MIXD TGLs = 5-8			
Stomach	Forestomach	Abscess	Mild
	Epithelium, Forestomach	Cyst	Mild
	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
	Forestomach	Ulcer	Mild
Thymus		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

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

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 102	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852361
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Adrenal Gland - Medulla

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Small Note: PIGMENT TGLs = 6-5	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Kidney	Cortex	Metaplasia Nephropathy	Osseous, Minimal Minimal
Lymph Node Note: PIGMENT TGLs = 7-6	Mesenteric	Pigmentation	Minimal
Ovary  Note: CYST TGLs = 2,3-7	Follicle	Atrophy Cyst Pigmentation	Mild Moderate Ceroid, Mild
Spleen Note: HEMA CELL PROL TGLs = 5-8		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperplasia Ulcer	Mild Multiple, Moderate Mild
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:27

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

**Lab:** SRI

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**ANIMAL ID:** 102

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 5.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852361

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HYPERPLASIA    TGLs = 4-7

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 103	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852362
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Liver
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney		Nephropathy	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 7-6			
Lymph Node	Mesenteric	Pigmentation	Mild
Note: PIGMENT TGLs = 6-6			
Ovary		Atrophy Pigmentation	Mild Ceroid, Moderate
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 2,3-11+12			
Stomach	Forestomach Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperkeratosis Hyperplasia Ulcer	Minimal Minimal Multiple, Moderate Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 4-7			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

<b>ANIMAL ID:</b> 104	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 5.0%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852363

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Hemangiosarcoma	
Brain	Cerebrum	Compression	Mild
Kidney		Lymphoma Malignant Mixed	
		Nephropathy	Minimal
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 5-6		
Mammary Gland	Acinus	Hyperplasia	Minimal
Ovary	Follicle	Cyst	Mild
		Pigmentation	Ceroid, Mild
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA	TGLs = 6-2		
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-8		
Stomach	Epithelium, Forestomach	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 105      TRT#: 4      SEX: Female      DAY ON TEST: 730  
 DOSE: 5.0%      DISP: Terminal Sacrifice      HISTO: A852364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Mild
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION    TGLs = 1,2-7+11+12			
Stomach	Forestomach	Abscess	Moderate
	Epithelium, Forestomach	Hyperplasia	Multiple, Moderate
	Forestomach	Ulcer	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA    TGLs = 5-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 106	<b>TRT#:</b> 4 <b>DOSE:</b> 5.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852365
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Ovary	Follicle	Cyst Mixed Tumor Malignant Pigmentation	Mild Ceroid, Mild
Note: CYST TGLs = 7-7 Note: MIXD TUMOR TGLs = 6-7			
Pituitary Gland	Pars Distalis Pars Distalis	Angiectasis Degeneration	Moderate Cystic, Minimal
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3-11			
Stomach	Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperplasia Ulcer	Mild Mild Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 4-7			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 107      TRT#: 4      SEX: Female      DAY ON TEST: 730  
 DOSE: 5.0%      DISP: Terminal Sacrifice      HISTO: A852366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT      TGLs = 3-5			
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
	Mesenteric	Pigmentation	Mild
Note: PIGMENT      TGLs = 4-6			
Ovary		Pigmentation	Ceroid, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach	Abscess	Minimal
	Forestomach	Hyperkeratosis	Minimal
	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 108

TRT#: 4

DOSE: 5.0%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: A852367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Moderate
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT	TGLs = 3-4.2		
Lymph Node	Mesenteric	Pigmentation	Minimal
Ovary	Follicle	Cyst	Moderate
		Luteoma	
		Pigmentation	Ceroid, Mild
Note: CYST	TGLs = 4-7		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Stomach	Forestomach	Abscess	Mild
	Forestomach	Hyperkeratosis	Minimal
	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 5-7		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 109

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 5.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852368

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Liver
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Pituitary Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow		Myelofibrosis	Mild
Heart		Inflammation	Chronic, Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT	TGLs = 5-5		
Kidney		Nephropathy	Minimal
Lung	Pleura	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Pigmentation	Mild
Note: PIGMENT	TGLs = 4-6		
Ovary		Atrophy	Mild
		Hyperplasia	Tubular, Mild
		Pigmentation	Ceroid, Moderate
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 2-11		
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach	Abscess	Mild
	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:27

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

**Lab:** SRI

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**ANIMAL ID:** 109

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 5.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852368

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 110      **TRT#:** 4      **SEX:** Female      **DAY ON TEST:** 645  
**DOSE:** 5.0%      **DISP:** Moribund      **HISTO:** A852369

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex, Corticomed Jct	Pigmentation	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Brain	Thalamus	Mineralization	Mild
Intestine Large	Cecum, Lymphoid Tiss	Hyperplasia	Lymphoid, Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Hyperplasia	Reticulum Cell, Moderate
	Jejunum, Lymphoid Tiss	Hyperplasia	Plasma Cell, Moderate
Note: INFILTRAT CELL	TGLs = 7-11		
Note: HYPERPLASIA	TGLs = 7-11		
Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Inflammation	Membranoprolif, Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Iliac	Hyperplasia	Plasma Cell, Marked
	Mesenteric	Hyperplasia	Lymphoid, Minimal
	Renal	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA	TGLs = 8,9-12+13		
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Moderate
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 6-8		
Stomach	Forestomach	Hyperkeratosis	Mild
	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Ulcer	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 110

**TRT#:** 4  
**DOSE:** 5.0%

**SEX:** Female  
**DISP:** Moribund

**DAY ON TEST:** 645  
**HISTO:** A852369

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thymus		Atrophy	Moderate
Thyroid Gland	Follicle	Cyst	Mild
Uterus	Endometrium	Inflammation	Acute, Marked
Note: INFLAMMATION	TGLs = 3,4,5-7		

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 121	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 723 <b>HISTO:</b> A852380
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum Intestine Small - Ileum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
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**OBSERVATIONS**

Bone Marrow		Lymphoma Malignant Mixed	
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Islets, Pancreatic		Adenoma	
Note: ADENOMA TGLs = 5-12			
Liver		Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mediastinal Mesenteric	Lymphoma Malignant Mixed Pigmentation	Mild
Note: LYMPH MAL MIXD TGLs = 8-13			
Mesentery		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 9-14			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3-11			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-8			
Stomach	Forestomach Epithelium, Forestomach Glandular	Abscess Hyperplasia Lymphoma Malignant Mixed Lymphoma Malignant Mixed	Mild Mild
Thymus			
Note: LYMPH MAL MIXD TGLs = 10-3+3.1			
Uterus		Hydrometra	Marked
Note: HYDROMETRA TGLs = 4-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 122

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A852381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Stomach - Glandular

OBSERVATIONS

Bone Marrow  
Intestine Small  
Note: PIGMENT TGLs = 6-5  
Lymph Node  
Note: PIGMENT TGLs = 5-6+6.1  
Skin  
Note: INFLAMMATION TGLs = 1-11  
Stomach  
  
Uterus  
Note: HYPERPLASIA TGLs = 4-7

Jejunum, Lymphoid Tiss  
Mesenteric  
Dermis  
Forestomach  
Epithelium, Forestomach  
Forestomach  
Endometrium

Myelofibrosis  
Pigmentation  
Pigmentation  
Inflammation  
Abscess  
Hyperplasia  
Ulcer  
Hyperplasia

Mild  
Mild  
Mild  
Chronic, Minimal  
Mild  
Mild  
Mild  
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 123

TRT#: 6

SEX: Female

DAY ON TEST: 723

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A852382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Intestine Small - Jejunum

Intestine Large - Rectum  
Skin

Intestine Small - Duodenum  
Stomach - Glandular

OBSERVATIONS

Bone Marrow  
Liver  
Note: HEPATOCLR CARC TGLs = 5-11  
Lymph Node  
Note: HYPERPLASIA TGLs = 6-6  
Ovary  
Note: CYST TGLs = 9-7  
Spleen  
Note: LYMPH MAL MIXD TGLs = 4-8  
Stomach  
Thymus  
Note: HYPERPLASIA TGLs = 8-12  
Uterus  
Note: HYPERPLASIA TGLs = 3-7

Mesenteric  
Follicle  
Forestomach  
Epithelium, Forestomach  
Endometrium

Myelofibrosis  
Hepatocellular Carcinoma  
Hyperplasia  
Cyst  
Lymphoma Malignant Mixed  
Abscess  
Hyperplasia  
Hyperplasia  
Hyperplasia

Minimal  
Lymphoid, Mild  
Mild  
Minimal  
Minimal  
Lymphoid, Mild  
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 124

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 723

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852383

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Intestine Small - Jejunum

Intestine Large - Rectum  
Liver

Intestine Small - Duodenum  
Lymph Node

**OBSERVATIONS**

Bone Marrow  
Lung  
Skin  
Stomach

Dermis  
Epithelium, Forestomach  
Forestomach  
Endometrium

Myelofibrosis  
Alveolar/Bronchiolar Adenoma  
Inflammation  
Hyperplasia  
Ulcer  
Hyperplasia

Minimal  
Chronic, Mild  
Mild  
Minimal  
Cystic, Mild

Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 125

TRT#: 6

SEX: Female

DAY ON TEST: 452

DOSE: 2.5%

DISP: Moribund

HISTO: A84031682

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Carcinoma	
Note: CARCINOMA	TGLs = 3-14+15+21		
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Mild
Uterus	Endometrium	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 126

TRT#: 6

SEX: Female

DAY ON TEST: 721

DOSE: 2.5%

DISP: Moribund

HISTO: A852385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Salivary Glands	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Mild Minimal
Brain	Thalamus	Mineralization	Mild
Heart		Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 7-8+8.1		
Liver		Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 10-6		
Lymph Node	Iliac Mandibular Mediastinal Mesenteric Renal	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 8,9,11,12-6+13+14+15		
Mammary Gland		Lymphoma Malignant Mixed	
Mesentery		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 5-12		
Ovary		Lymphoma Malignant Mixed	
Pancreas		Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 14-2		
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 3-11		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 126	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 721 <b>HISTO:</b> A852385
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<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Mild
Note: LYMPH MAL MIXD TGLs = 6-8			
Stomach	Forestomach Epithelium, Forestomach Forestomach Glandular	Abscess Hyperplasia Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	Minimal Minimal
Thymus			
Note: LYMPH MAL MIXD TGLs = 13-3			
Urinary Bladder		Lymphoma Malignant Mixed	
Uterus		Lymphoma Malignant Mixed	

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

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 127	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 723 <b>HISTO:</b> A852386
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Liver	Lung	Lymph Node
Stomach - Glandular			

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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: PIGMENT TGLs = 6-5			
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 3,4-11+12			
Stomach	Forestomach	Abscess	Minimal
	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
	Forestomach	Ulcer	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 5-7			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 128

TRT#: 6

SEX: Female

DAY ON TEST: 724

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A852387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Stomach - Glandular

Intestine Small - Ileum

OBSERVATIONS

Bone Marrow  
Intestine Large  
Intestine Small  
Note: PIGMENT TGLs = 5-5.1  
Lymph Node

Cecum, Lymphoid Tiss  
Jejunum, Lymphoid Tiss

Myelofibrosis  
Pigmentation  
Pigmentation

Mild  
Minimal  
Minimal

Ovary

Mesenteric  
Mesenteric

Angiectasis  
Pigmentation  
Atrophy  
Cyst  
Pigmentation

Mild  
Mild  
Mild  
Mild  
Ceroid, Mild

Note: CYST TGLs = 4-7

Skin  
Note: INFLAMMATION TGLs = 3-11

Dermis

Inflammation

Chronic, Mild

Stomach  
Epithelium, Forestomach  
Forestomach

Hyperplasia  
Ulcer

Multiple, Mild  
Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 129

TRT#: 6

SEX: Female

DAY ON TEST: 724

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A852388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Lung	Skin
Stomach - Glandular			

OBSERVATIONS

Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 10-12			
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: PIGMENT TGLs = 9-5			
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 7-11			
Lymph Node	Mesenteric	Pigmentation	Mild
Note: PIGMENT TGLs = 8-6			
Ovary		Cyst	Mild
		Pigmentation	Ceroid, Mild
Note: CYST TGLs = 3-7			
Stomach	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
	Forestomach	Ulcer	Mild
Uterus		Hydrometra	Mild
	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 4-7			
Note: HYDROMETRA TGLs = 5,6-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 130

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 724

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852389

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Skin

**OBSERVATIONS**

Bone Marrow  
Intestine Small  
    Note: PIGMENT      TGLs = 6-5  
Lymph Node  
    Note: PIGMENT      TGLs = 5-6  
Ovary  
    Note: CYST          TGLs = 4-7  
Stomach  
  
Uterus  
    Note: HYPERPLASIA      TGLs = 3-7

Jejunum, Lymphoid Tiss  
Mesenteric  
Follicle  
Forestomach  
Epithelium, Forestomach  
Forestomach  
Endometrium

Myelofibrosis  
Pigmentation  
Pigmentation  
Cyst  
Abscess  
Hyperplasia  
Ulcer  
Hyperplasia

Minimal  
Minimal  
Minimal  
Moderate  
Minimal  
Multiple, Mild  
Mild  
Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 131      TRT#: 6      SEX: Female      DAY ON TEST: 661  
 DOSE: 2.5%      DISP: Moribund      HISTO: A852390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex	Hypertrophy	Diffuse, Moderate
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Cerebrum	Compression	Minimal
	Thalamus	Mineralization	Mild
Note: COMPRESSION	TGLs = 6-1		
Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Marked
	Mesenteric	Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 4-6		
Note: HYPERPLASIA	TGLs = 3,4-6+11		
Mammary Gland	Duct	Ectasia	Minimal
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Mild
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA	TGLs = 5-2		
Stomach	Forestomach	Abscess	Minimal
	Forestomach	Hyperkeratosis	Moderate
	Epithelium, Forestomach	Hyperplasia	Multiple, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 131

**TRT#:** 6  
**DOSE:** 2.5%

**SEX:** Female  
**DISP:** Moribund

**DAY ON TEST:** 661  
**HISTO:** A852390

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Forestomach  
Glandular  
Forestomach

Inflammation  
Mineralization  
Ulcer

Chronic, Mild  
Minimal  
Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 132	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 724 <b>HISTO:</b> A852391
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Liver	Lung	Skin
Stomach - Glandular			

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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Eye		Phthisis Bulbi	Moderate
Note: PHTHISIS BULBI TGLs = 1-11			
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT TGLs = 4-5			
Lymph Node	Mesenteric	Pigmentation	Mild
Note: PIGMENT TGLs = 3-6			
Stomach	Forestomach	Abscess	Mild
	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
	Forestomach	Ulcer	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-7			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 133

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 724

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852392

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Lung

Intestine Large - Rectum  
Skin

Intestine Small - Duodenum  
Stomach - Glandular

**OBSERVATIONS**

Bone Marrow  
Intestine Small  
    Note: PIGMENT      TGLs = 5-5  
Liver

Myeloid Cell  
Jejunum, Lymphoid Tiss

Hyperplasia  
Pigmentation  
  
Hematopoietic Cell Proliferation  
Inflammation

Mild  
Mild

Lymph Node  
  
Ovary  
    Note: ABSCESS      TGLs = 3,4-7  
Stomach

Mesenteric  
Mesenteric

Hyperplasia  
Pigmentation  
Abscess

Minimal  
Acute, Mild  
Lymphoid, Mild  
Mild  
Marked

Epithelium, Forestomach

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 134	TRT#: 6 DOSE: 2.5%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 725 HISTO: A852393
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum Lung	Intestine Large - Colon Stomach - Glandular	Intestine Large - Rectum	Liver
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Intestine Small	Ileum, Lymphoid Tiss Jejunum, Lymphoid Tiss	Pigmentation Pigmentation	Mild Mild
Note: PIGMENT TGLs = 6-5			
Lymph Node	Mesenteric	Pigmentation	Minimal
Note: PIGMENT TGLs = 5-6			
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 1-11			
Stomach	Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperplasia Ulcer	Mild Mild Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 4-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 135	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 707 <b>HISTO:</b> A852394
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Heart
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Uterus	

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**MISSING**

Intestine Small - Duodenum

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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Urinary Bladder	

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Lung		Congestion	Mild
Note: CONGESTION TGLs = 5-6			
Ovary		Atrophy	Moderate
		Pigmentation	Ceroid, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3,4-7+11+12			
Thyroid Gland	Follicular Cel	Adenoma	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 136

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 721

**DOSE:** 2.5%

**DISP:** Moribund

**HISTO:** A852395

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Pigmentation	Minimal
Ovary		Atrophy	Moderate
		Pigmentation	Ceroid, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-2			
Stomach	Epithelium, Forestomach	Hyperplasia	Multiple, Moderate
Uterus	Endometrium	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 137

TRT#: 6

SEX: Female

DAY ON TEST: 585

DOSE: 2.5%

DISP: Moribund

HISTO: A852396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex, Extra Adr Tiss	Accessory Adrenal Cortical Nodule	Mild
	Cortex, Spindle Cell	Hyperplasia	Moderate
	Medulla	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Heart		Histiocytic Sarcoma	
Kidney	Prox Con Tub, Renal Tubule	Degeneration	Hyaline, Moderate
		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
Note: HISTIO SARC	TGLs = 6-4		
Lung		Histiocytic Sarcoma	
Ovary		Atrophy	Mild
		Histiocytic Sarcoma	
		Pigmentation	Ceroid, Mild
Pancreas		Histiocytic Sarcoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
Note: HISTIO SARC	TGLs = 4-8		
Note: HEMA CELL PROL	TGLs = 4-8		
Thymus		Atrophy	Mild
Uterus		Leiomyoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 137

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 585

**DOSE:** 2.5%

**DISP:** Moribund

**HISTO:** A852396

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: LEIOMYOMA TGLs = 5-11

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 138

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 725

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852397

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Liver

Lung

Lymph Node

Skin

Stomach - Glandular

**OBSERVATIONS**

Bone Marrow

Myelofibrosis

Mild

Stomach

Forestomach

Abscess

Mild

Epithelium, Forestomach

Hyperplasia

Mild

Forestomach

Ulcer

Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 139	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 645 <b>HISTO:</b> A852398
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney	Renal Tubule	Mineralization	Mild
	Renal Tubule	Pigmentation	Moderate
Note: PIGMENT TGLs = 5-8			
Liver		Hepatocellular Carcinoma	
		Mitotic Alteration	Moderate
Note: HEPATOCLR CARC TGLs = 6-11			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Ovary	Follicle	Hemorrhage	Marked
		Pigmentation	Ceroid, Minimal
Note: HEMORRHAGE TGLs = 4-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Multiple, Minimal
	Glandular	Mineralization	Minimal
	Forestomach	Ulcer	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 140

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 725

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852399

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Skin
Stomach - Glandular			

**OBSERVATIONS**

Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-8		
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4-4		
Lung		Lymphoma Malignant Mixed	
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 5,6,7,9-11+12+13+14		
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 2-8		
Stomach	Forestomach	Abscess	Mild
	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
Thymus		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 14-3		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 141	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 725 <b>HISTO:</b> A852400
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Liver	Lung	Stomach - Forestomach
Stomach - Glandular			

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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 8-13			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 7-6			
Ovary		Pigmentation	Ceroid, Mild
Pancreas	Duct	Ectasia	Moderate
Note: ECTASIA TGLs = 5-12			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-11			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 6-7			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 142

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 725

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852401

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Liver
Lymph Node	Skin	Stomach - Glandular	

**OBSERVATIONS**

Lung		Inflammation	Chronic, Mild
Ovary		Pigmentation	Ceroid, Mild
Stomach	Forestomach	Abscess	Minimal
	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
	Forestomach	Ulcer	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-7

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 143

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852402

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Stomach - Glandular

**OBSERVATIONS**

Bone Marrow  
Intestine Small  
    Note: PIGMENT      TGLs = 3-5  
Lymph Node  
    Note: HYPERPLASIA      TGLs = 4-6  
Spleen  
    Note: HYPERPLASIA      TGLs = 2-8  
Stomach  
  
Uterus  
    Note: HYPERPLASIA      TGLs = 1-7

Jejunum, Lymphoid Tiss  
  
Mesenteric  
  
  
Forestomach  
Epithelium, Forestomach  
Forestomach  
Endometrium

Myelofibrosis  
Pigmentation  
  
Hyperplasia  
  
Hyperplasia  
  
Abscess  
Hyperplasia  
Ulcer  
Hyperplasia

Minimal  
Minimal  
  
Lymphoid, Mild  
  
Lymphoid, Moderate  
  
Mild  
Multiple, Moderate  
Minimal  
Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 144

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A852403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Lung

Skin

OBSERVATIONS

Bone Marrow

Myelofibrosis

Minimal

Intestine Small

Jejunum

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 5-5+5.1

Liver

Hepatocellular Adenoma

Lymph Node

Mesenteric

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 4-6+11

Ovary

Follicle

Cyst

Moderate

Note: CYST TGLs = 3-7

Stomach

Forestomach

Abscess

Minimal

Epithelium, Forestomach

Hyperplasia

Minimal

Glandular

Mineralization

Mild

Forestomach

Ulcer

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 145

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852404

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Intestine Small - Jejunum

Intestine Large - Rectum  
Liver

Intestine Small - Duodenum  
Lung

**OBSERVATIONS**

Bone Marrow  
Eye  
    Note: PHTHISIS BULBI TGLs = 1-11  
Harderian Gland  
    Note: ADENOMA TGLs = 5-12  
Lymph Node  
    Note: HEMA CELL PROL TGLs = 3-6  
Stomach  
Uterus  
    Note: HYPERPLASIA TGLs = 2-7

Mesenteric

Epithelium, Forestomach  
Endometrium

Myelofibrosis  
Phthisis Bulbi

Adenoma

Hematopoietic Cell Proliferation

Hyperplasia  
Hyperplasia

Minimal  
Moderate

Mild

Minimal  
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 146

TRT#: 6

SEX: Female

DAY ON TEST: 725

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A852405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum

OBSERVATIONS

Bone Marrow  
Intestine Small  
Note: PIGMENT TGLs = 7-5  
Lymph Node  
Note: PIGMENT TGLs = 6-6  
Skin  
Note: INFLAMMATION TGLs = 3-11  
Spleen  
Note: HEMANGIOSARC TGLs = 5-8  
Stomach

Jejunum, Lymphoid Tiss  
Mesenteric  
Dermis  
Forestomach  
Epithelium, Forestomach  
Glandular  
Forestomach

Hemangiosarcoma  
Pigmentation  
Pigmentation  
Inflammation  
Hemangiosarcoma  
Abscess  
Hyperplasia  
Mineralization  
Ulcer

Minimal  
Mild  
Chronic, Minimal  
Minimal  
Minimal  
Mild  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 147

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852406

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Lymph Node	Stomach - Glandular		

**OBSERVATIONS**

Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 2-11			
Stomach	Forestomach	Hyperkeratosis	Minimal
	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 3-7			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 148      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 606  
**DOSE:** 2.5%      **DISP:** Moribund      **HISTO:** A852407

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Glandular
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex	Hyperplasia Lymphoma Malignant Undifferentiated Cell Type	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain		Lymphoma Malignant Undifferentiated Cell Type	
Esophagus		Lymphoma Malignant Undifferentiated Cell Type	
Heart		Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
Liver		Hematopoietic Cell Proliferation	Minimal
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Mandibular Mediastinal Mesenteric	Lymphoma Malignant Undifferentiated Cell Type Lymphoma Malignant Undifferentiated Cell Type Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 5,8-6+12+13			
Ovary		Lymphoma Malignant Undifferentiated Cell Type Pigmentation	Ceroid, Mild
Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Undifferentiated Cell Type	Mild
Note: HEMA CELL PROL TGLs = 6-8			
Note: LYMPH MAL UNDF TGLs = 6-8			
Stomach	Forestomach Epithelium, Forestomach	Abscess Hyperplasia	Minimal Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 148

**TRT#:** 6  
**DOSE:** 2.5%

**SEX:** Female  
**DISP:** Moribund

**DAY ON TEST:** 606  
**HISTO:** A852407

**ORGAN AND ACCOUNTABLE SITE STATUS**

Organ	Accountable Site	Status
Thymus	Forestomach	Ulcer
Thyroid Gland		Lymphoma Malignant Undifferentiated Cell Type
		Lymphoma Malignant Undifferentiated Cell Type
		Ultimobranchial Cyst
Uterus	Endometrium	Hyperplasia
		Lymphoma Malignant Undifferentiated Cell Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 149	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 728 <b>HISTO:</b> A852408
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Colon Intestine Small - Jejunum	Intestine Large - Rectum Lung	Intestine Small - Duodenum Stomach - Glandular	Intestine Small - Ileum
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Intestine Large	Cecum, Lymphoid Tiss	Hyperplasia	Lymphoid, Mild
Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Mandibular Mesenteric	Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 8,10-4+6			
Mammary Gland	Duct Acinus	Dilatation Hyperplasia	Moderate Mild
Note: DILATATION TGLs = 4-7+11			
Ovary	Follicle	Cyst	Mild
Note: CYST TGLs = 5-7			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 7-2			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Mild
Note: LYMPH MAL MIXD TGLs = 6-8+12			
Stomach	Forestomach Epithelium, Forestomach Forestomach	Abscess Hyperplasia Ulcer	Mild Multiple, Mild Mild
Thymus		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 9-3			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 150

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852409

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Intestine Small - Jejunum

Intestine Large - Rectum  
Liver

Intestine Small - Duodenum  
Lung

**OBSERVATIONS**

Bone Marrow  
Lymph Node  
Note: PIGMENT TGLs = 5-6

Mesenteric

Myelofibrosis  
Pigmentation

Mild  
Minimal

Ovary  
Note: CYST TGLs = 3-7

Periovarn Tiss

Cyst

Moderate

Skin  
Note: INFLAMMATION TGLs = 2-7+11

Dermis

Inflammation

Chronic, Mild

Stomach  
Forestomach  
Epithelium, Forestomach  
Forestomach

Abscess  
Hyperplasia  
Ulcer

Mild  
Multiple, Moderate  
Mild

Uterus  
Note: HYPERPLASIA TGLs = 4-7

Endometrium

Hyperplasia

Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 151

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852410

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Colon  
Intestine Small - Jejunum  
Stomach - Glandular

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Lymph Node

Intestine Small - Ileum  
Skin

**OBSERVATIONS**

Bone Marrow  
Intestine Large  
Liver

Cecum, Lymphoid Tiss  
Hepatocyte

Myelofibrosis  
Hyperplasia  
Hepatocellular Carcinoma  
Necrosis

Minimal  
Lymphoid, Mild  
Minimal

Note: HEPATOCLR CARC TGLs = 5-11

Spleen

Note: HEMA CELL PROL TGLs = 2-8

Stomach

Epithelium, Forestomach  
Forestomach

Hematopoietic Cell Proliferation  
Hyperplasia  
Ulcer

Moderate  
Multiple, Mild  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 152	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> A852411
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Skin
Stomach - Glandular			

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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 5-11			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
	Mesenteric	Pigmentation	Minimal
Note: PIGMENT TGLs = 6-6			
Stomach	Forestomach	Abscess	Mild
	Forestomach	Hyperkeratosis	Minimal
	Epithelium, Forestomach	Hyperplasia	Multiple, Moderate
	Forestomach	Ulcer	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 3,4-7			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 153

TRT#: 6

SEX: Female

DAY ON TEST: 472

DOSE: 2.5%

DISP: Moribund

HISTO: A852412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hemangiosarcoma	
Brain	Thalamus	Mineralization	Minimal
Liver		Inflammation	Acute, Mild
Lymph Node	Mesenteric	Pigmentation	Minimal
Ovary		Pigmentation	Ceroid, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Uterus		Hydrometra	Moderate
	Endometrium	Hyperplasia	Cystic, Minimal

Note: HYPERPLASIA TGLs = 5-7

Note: HYDROMETRA TGLs = 3,4-7

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 154

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852413

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Liver	Lung
Skin	Stomach - Glandular		

**OBSERVATIONS**

Intestine Small Note: PIGMENT TGLs = 5-5	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Lymph Node Note: HYPERPLASIA TGLs = 6-6	Mesenteric	Hyperplasia	Lymphoid, Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
Uterus Note: HYPERPLASIA TGLs = 3,4-7	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 155

TRT#: 6

SEX: Female

DAY ON TEST: 667

DOSE: 2.5%

DISP: Moribund

HISTO: A852414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Lymph Node	Pancreatic	Inflammation	Granulomatous, Moderate
	Mesenteric	Pigmentation	Minimal
Note: INFLAMMATION	TGLs = 8-15		
Ovary	Follicle	Cyst	Moderate
Skin	Dermis	Inflammation	Chronic, Mild
		Schwannoma Malignant	
Note: INFLAMMATION	TGLs = 3-7		
Note: SCHWANNOMA MAL	TGLs = 4,5-12+13		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 7-8		
Stomach	Forestomach	Abscess	Minimal
	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 6-7+14		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 155

**TRT#:** 6

**DOSE:** 2.5%

**SEX:** Female

**DISP:** Moribund

**DAY ON TEST:** 667

**HISTO:** A852414

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 156

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852415

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Liver	Lung
Stomach - Glandular			

**OBSERVATIONS**

Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: PIGMENT TGLs = 4-5			
Lymph Node	Mesenteric	Pigmentation	Minimal
Note: PIGMENT TGLs = 5-6			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-2			
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 2-11			
Stomach	Forestomach	Abscess	Minimal
	Epithelium, Forestomach	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 3-7			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 157	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 521 <b>HISTO:</b> A852416
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Moderate Minimal
Intestine Small	Duodenum	Erosion	Mild
Kidney	Prox Con Tub, Renal Tubule	Pigmentation	Mild
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-12			
Lymph Node	Mesenteric	Pigmentation	Minimal
Ovary	Follicle	Cyst	Mild
		Pigmentation	Ceroid, Mild
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 3-11			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 4-8+8.1			
Stomach	Forestomach	Abscess	Mild
	Epithelium, Forestomach	Hyperplasia	Mild
	Glandular	Mineralization	Mild
	Forestomach	Ulcer	Mild
Uterus	Endometrium	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 158	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 516 <b>HISTO:</b> A852417
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Urinary Bladder

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 2,3-11+12			
Spleen		Hemangiosarcoma Hematopoietic Cell Proliferation	Moderate
Note: HEMANGIOSARC TGLs = 6-8			
Note: HEMA CELL PROL TGLs = 6-8			
Stomach	Epithelium, Forestomach Forestomach	Hyperplasia Ulcer	Multiple, Moderate Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 159	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 631
	<b>DOSE:</b> 2.5%	<b>DISP:</b> Moribund	<b>HISTO:</b> A852418

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell Cortex, Corticomed Jct	Hyperplasia Pigmentation	Marked Mild
Bone Marrow		Myelofibrosis	Minimal
Liver Note: HEPATOCLR ADEN TGLs = 6-13		Hepatocellular Adenoma	
Lung Note: HAIR SHAFT.	Artery	Foreign Body	Mild
Ovary	Follicle	Cyst Pigmentation	Mild Ceroid, Mild
Skin Note: INFLAMMATION TGLs = 3,4-7+11+12	Dermis	Inflammation	Chronic, Mild
Stomach	Epithelium, Forestomach Glandular Forestomach	Hyperplasia Mineralization Ulcer	Mild Minimal Minimal
Thymus		Cyst	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 160

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852419

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
 Intestine Small - Ileum

Intestine Large - Colon  
 Stomach - Glandular

Intestine Large - Rectum

Intestine Small - Duodenum

**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: PIGMENT	TGLs = 7-5		
Liver		Hematopoietic Cell Proliferation	Mild
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mesenteric	Angiectasis	Minimal
	Mesenteric	Pigmentation	Mild
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS	TGLs = 5-1		
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 3,4-11+12		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 6-8		
Stomach	Forestomach	Abscess	Minimal
	Epithelium, Forestomach	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 161	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852420
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Liver
Lung	Stomach - Glandular		

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**OBSERVATIONS**

Lymph Node Note: PIGMENT TGLs = 4-6	Mesenteric	Pigmentation	Mild
Ovary Note: CYST TGLs = 2-7	Follicle	Cyst	Moderate
Skin Note: INFLAMMATION TGLs = 1-11	Dermis	Inflammation	Chronic, Minimal
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Uterus Note: HYPERPLASIA TGLs = 3-7	Endometrium	Hyperplasia	Cystic, Moderate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 162	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 2.5%	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> A852421

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Lung	Stomach - Glandular	

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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: PIGMENT TGLs = 6-5			
Liver		Hepatocellular Adenoma	
Lymph Node	Mesenteric	Pigmentation	Mild
Ovary	Follicle	Cyst	Mild
Note: CYST TGLs = 4-7			
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 3-11			
Spleen		Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 5-8			
Stomach	Forestomach	Abscess	Minimal
	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Ulcer	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 163

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 2.5%

DISP: Terminal Sacrifice

HISTO: A852422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Colon  
Lung

Intestine Large - Rectum  
Stomach - Glandular

Intestine Small - Duodenum

Intestine Small - Ileum

OBSERVATIONS

Bone Marrow  
Intestine Large  
Intestine Small  
Note: PIGMENT TGLs = 6-5.1

Cecum, Lymphoid Tiss  
Jejunum, Lymphoid Tiss

Myelofibrosis  
Hyperplasia  
Pigmentation

Minimal  
Lymphoid, Moderate  
Mild

Liver  
Lymph Node  
Note: PIGMENT TGLs = 5-6

Mesenteric

Hematopoietic Cell Proliferation  
Pigmentation

Minimal  
Mild

Skin  
Note: INFLAMMATION TGLs = 2,3-11+12

Dermis

Inflammation

Chronic, Marked

Stomach  
  
Uterus  
Note: HYPERPLASIA TGLs = 4-7

Forestomach  
Epithelium, Forestomach  
Forestomach  
Endometrium

Abscess  
Hyperplasia  
Ulcer  
Hyperplasia

Mild  
Mild  
Mild  
Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 164	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852423
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Colon Liver	Intestine Large - Rectum Skin	Intestine Small - Duodenum Stomach - Forestomach	Intestine Small - Ileum Stomach - Glandular
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Intestine Large	Cecum, Lymphoid Tiss	Pigmentation	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: PIGMENT TGLs = 5-5.1			
Lung	Artery	Mineralization	Minimal
Lymph Node	Mesenteric Mesenteric	Hyperplasia Pigmentation	Lymphoid, Mild Mild
Note: PIGMENT TGLs = 4-6			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 3-11			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-7			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 165	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852424
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Lung	Ovary	Stomach - Glandular

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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: PIGMENT TGLs = 7-5.1			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 8-4			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
	Mesenteric	Pigmentation	Minimal
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 2,3-11+12			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 6-8			
Stomach	Forestomach	Abscess	Minimal
	Forestomach	Ulcer	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 5-7			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 166

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852425

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Liver	Lung
Stomach - Glandular			

**OBSERVATIONS**

Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 5-13			
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: PIGMENT TGLs = 6-5			
Lymph Node	Mesenteric	Inflammation	Acute, Minimal
	Mesenteric	Pigmentation	Mild
Skin		Hemangiosarcoma	
	Dermis	Inflammation	Chronic, Mild
Note: HEMANGIOSARC TGLs = 4-12			
Note: INFLAMMATION TGLs = 3-11			
Stomach	Forestomach	Abscess	Mild
	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 167	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852426
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Liver	Lung	Skin
Stomach - Glandular			

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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT TGLs = 6-5.1			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Mesenteric	Pigmentation	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-8			
Note: HEMA CELL PROL TGLs = 5-8			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 4-7			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 168	<b>TRT#:</b> 6 <b>DOSE:</b> 2.5%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852427
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum Intestine Small - Ileum	Intestine Large - Colon Lung	Intestine Large - Rectum Stomach - Glandular	Intestine Small - Duodenum
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Intestine Small Note: PIGMENT TGLs = 5-5	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Liver		Hematopoietic Cell Proliferation	Minimal
Lymph Node Note: PIGMENT TGLs = 6-6	Mesenteric	Pigmentation	Minimal
Ovary Note: CYST TGLs = 3-7	Follicle	Cyst	Mild
Skin Note: INFLAMMATION TGLs = 2-11	Dermis	Inflammation	Chronic, Mild
Stomach	Forestomach	Abscess	Mild
	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Minimal
Uterus Note: HYPERPLASIA TGLs = 4-7	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 169

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 2.5%

**DISP:** Terminal Sacrifice

**HISTO:** A852428

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Stomach - Glandular

**OBSERVATIONS**

Bone Marrow  
Intestine Small  
    Note: PIGMENT      TGLs = 5-5.1  
Lymph Node  
    Note: PIGMENT      TGLs = 4-6  
Skin  
    Note: INFLAMMATION      TGLs = 2-11  
Stomach  
Uterus  
    Note: HYPERPLASIA      TGLs = 3-7

Jejunum, Lymphoid Tiss  
Mesenteric  
Dermis  
Epithelium, Forestomach  
Endometrium

Myelofibrosis  
Pigmentation  
Pigmentation  
Inflammation  
Hyperplasia  
Hyperplasia

Minimal  
Minimal  
Minimal  
Chronic, Minimal  
Multiple, Minimal  
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 170

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 710

**DOSE:** 2.5%

**DISP:** Dead

**HISTO:** A852429

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Marked
[ Hyperplasia TGLS = 5-9 ]			
Heart		Inflammation	Chronic, Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney	Glomerulus	Inflammation	Membranoprolif, Moderate
Liver		Hematopoietic Cell Proliferation	Moderate
Lymph Node	Mesenteric	Abscess	Moderate
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 1-7			
Pancreas	Acinar Cell	Atrophy	Mild
		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Dermis	Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 2-8			
Thymus		Cyst	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 181	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 723 <b>HISTO:</b> A852440
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum Intestine Small - Ileum	Intestine Large - Colon Liver	Intestine Large - Rectum Stomach - Forestomach	Intestine Small - Duodenum
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Eye Note: INFLAMMATION TGLs = 3-13	Cornea	Inflammation	Chronic, Mild
Harderian Gland Note: ADENOMA TGLs = 7-12		Adenoma	
Intestine Small Note: PIGMENT TGLs = 6-5	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Skin Note: INFLAMMATION TGLs = 4-11	Dermis	Inflammation	Chronic, Mild
Stomach Note: LYMPH MAL MIXD TGLs = 8-5	Glandular	Lymphoma Malignant Mixed	
Uterus Note: HYPERPLASIA TGLs = 5-7	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 182	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 723 <b>HISTO:</b> A852441
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Stomach - Forestomach		

**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT TGLs = 13-16			
Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 9-8			
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 11-4+12			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 15+17			
Note: LYMPH MAL MIXD TGLs = 4,7,12,14,15,16-4+6+13+14			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3-11			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 8-8			
Stomach	Glandular	Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 6-7			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 183

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 77

**DOSE:** 1.0%

**DISP:** Moribund

**HISTO:** A83027931

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**MISSING**

Lymph Node - Mandibular	Parathyroid Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Minimal
Esophagus		Inflammation	Chronic, Moderate
Intestine Large	Rectum	Inflammation	Chronic, Mild
Lung		Inflammation	Acute, Minimal
Lymph Node	Lymphocyte, Mesenteric	Necrosis	Mild
Skin	Dermis	Inflammation	Chronic, Mild
Thymus		Atrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 184

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 723

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852443

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Lymph Node	Stomach - Forestomach		

**OBSERVATIONS**

Liver		Inflammation	Chronic, Minimal
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 3-7+11		
Stomach	Glandular	Mineralization	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 4-7		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 185	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 80 <b>HISTO:</b> A83027991
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

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**MISSING**

Thymus

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**AUTO PRECLUDES DIAG.**

Gallbladder

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**OBSERVATIONS**

Adrenal Gland	Cortex	Congestion	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Lung		Congestion	Moderate
Note: CONGESTION TGLs = 6-4			
Salivary Glands		Inflammation	Acute, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 186	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 723 <b>HISTO:</b> A852445
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Liver	Lung	Skin
Stomach - Forestomach	Stomach - Glandular		

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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Note: PIGMENT TGLs = 3-5			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-7			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 187	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 723 <b>HISTO:</b> A852446
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Liver	Lung
Lymph Node	Stomach - Forestomach	Stomach - Glandular	

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**OBSERVATIONS**

Intestine Small Note: PIGMENT TGLs = 5-5	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Skin Note: INFLAMMATION TGLs = 3,4-11+12	Dermis	Inflammation	Chronic, Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 188

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 724

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852447

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Intestine Small - Jejunum

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Skin

**OBSERVATIONS**

Bone Marrow  
Liver

Myelofibrosis  
Hepatocellular Carcinoma  
Inflammation

Minimal  
Chronic, Minimal

Note: HEPATOCLR CARC TGLs = 3-11

Lymph Node  
Stomach  
Uterus

Mesenteric  
Forestomach  
Endometrium

Hyperplasia  
Squamous Cell Papilloma  
Hyperplasia

Lymphoid, Mild  
Cystic, Mild

Note: HYPERPLASIA TGLs = 2-7

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 189

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 724

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852448

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Colon  
Intestine Small - Jejunum  
Stomach - Glandular

Intestine Large - Rectum  
Liver

Intestine Small - Duodenum  
Lung

Intestine Small - Ileum  
Stomach - Forestomach

**OBSERVATIONS**

Bone Marrow  
Intestine Large  
Lymph Node  
Skin  
    Note: INFLAMMATION   TGLs = 2-11  
Uterus  
    Note: HYPERPLASIA    TGLs = 3-7

Cecum, Lymphoid Tiss  
Mesenteric  
Dermis  
  
Endometrium

Myelofibrosis  
Hyperplasia  
Hyperplasia  
Inflammation  
  
Hyperplasia

Minimal  
Lymphoid, Mild  
Lymphoid, Mild  
Chronic, Mild  
  
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 190      TRT#: 8      SEX: Female      DAY ON TEST: 722  
 DOSE: 1.0%      DISP: Moribund      HISTO: A852449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney	Prox Con Tub, Renal Tubule	Degeneration	Hyaline, Mild
		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 7-8		
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 9-6		
Lymph Node	Mandibular	Inflammation	Acute, Mild
	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 6,11-6+11+12		
Mammary Gland		Lymphoma Malignant Undifferentiated Cell Type	
Ovary		Atrophy	Moderate
		Lymphoma Malignant Undifferentiated Cell Type	
		Pigmentation	Ceroid, Moderate
Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
Pituitary Gland	Pars Distalis	Angiectasis	Marked
Note: ANGIECTASIS	TGLs = 10-2+2.1		
Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Undifferentiated Cell Type	
Note: HEMA CELL PROL	TGLs = 5-8		
Note: LYMPH MAL UNDF	TGLs = 5-8		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 190

**TRT#:** 8  
**DOSE:** 1.0%

**SEX:** Female  
**DISP:** Moribund

**DAY ON TEST:** 722  
**HISTO:** A852449

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Stomach	Glandular	Lymphoma Malignant Undifferentiated Cell Type	
Urinary Bladder		Lymphoma Malignant Undifferentiated Cell Type	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 4-7			

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**PRIMARY CAUSE OF DEATH**

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Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:27

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 191

TRT#: 8

SEX: Female

DAY ON TEST: 445

DOSE: 1.0%

DISP: Dead

HISTO: A84031686

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	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
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Cortex	Inflammation	Acute, Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Minimal
Lymph Node	Mediastinal	Abscess	Moderate
Ovary		Abscess	Marked
Note: ABSCESS	TGLs = 3,4-9		
Pancreas		Inflammation	Acute, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 5-2		
Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 192

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 724

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852451

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow  
Intestine Small - Jejunum

Intestine Large - Cecum  
Lung

Intestine Large - Colon  
Stomach - Forestomach

Intestine Large - Rectum  
Stomach - Glandular

**OBSERVATIONS**

Liver  
Lymph Node  
Pituitary Gland  
    Note: ADENOMA      TGLs = 2-2  
Uterus

Hepatocyte  
Mesenteric  
Pars Distalis  
  
Endometrium

Vacuolization Cytoplasmic  
Hyperplasia  
Adenoma  
  
Hyperplasia  
Polyp Stromal

Mild  
Lymphoid, Mild  
  
Cystic, Mild

    Note: HYPERPLASIA      TGLs = 1-7

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 193	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 724 <b>HISTO:</b> A852452
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node
Skin	Stomach - Forestomach		

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**OBSERVATIONS**

Bone Marrow		Hypocellularity	Mild
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4-4			
Stomach	Glandular, Mucosa	Cyst	Mild
	Glandular	Inflammation	Acute, Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 194

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 724

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852453

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Lymph Node	Skin	Stomach - Forestomach	Stomach - Glandular

**OBSERVATIONS**

Liver		Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-2+2.1		
Uterus		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 2-11		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 195

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 725

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852454

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Forestomach

Intestine Large - Colon  
Intestine Small - Jejunum  
Stomach - Glandular

Intestine Large - Rectum  
Liver

Intestine Small - Duodenum  
Lung

**OBSERVATIONS**

Bone Marrow  
Lymph Node  
    Note: HYPERPLASIA   TGLs = 4-6  
Skin  
Uterus  
    Note: HYPERPLASIA   TGLs = 3-7

Mesenteric  
  
Dermis  
Endometrium

Myelofibrosis  
Hyperplasia  
  
Inflammation  
Hyperplasia

Mild  
Lymphoid, Moderate  
  
Chronic, Mild  
Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 196

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 469

**DOSE:** 1.0%

**DISP:** Accident

**HISTO:** A852455

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Minimal
Ovary		Pigmentation	Ceroid, Minimal
Skin	Dermis	Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 3-11			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 197

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 725

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852456

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Colon  
Intestine Small - Jejunum  
Ovary

Intestine Large - Rectum  
Liver  
Stomach - Forestomach

Intestine Small - Duodenum  
Lung  
Stomach - Glandular

Intestine Small - Ileum  
Lymph Node

**OBSERVATIONS**

Bone Marrow  
Intestine Large  
Skin  
    Note: INFLAMMATION   TGLs = 1-11  
Uterus  
    Note: HYPERPLASIA    TGLs = 5-7

Cecum, Lymphoid Tiss  
Dermis  
  
Endometrium

Myelofibrosis  
Hyperplasia  
Inflammation  
  
Hyperplasia

Minimal  
Lymphoid, Mild  
Chronic, Mild  
  
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 198	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 710 <b>HISTO:</b> A852457
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Islets, Pancreatic	Mammary Gland	Nose	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea

**MISSING**

Parathyroid Gland	Thymus
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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Heart		Inflammation	Chronic, Moderate
Intestine Large	Cecum	Leiomyoma	
	Rectum	Polyarteritis	Mild
[ Polyarteritis TGLS = 6-11 ]			
Intestine Small	Duodenum	Polyarteritis	Mild
Kidney		Nephropathy	Moderate
		Plasma Cell Tumor Malignant	
Liver		Plasma Cell Tumor Malignant	
		Polyarteritis	Moderate
Note: PLAS CL TM MAL TGLs = 3-4			
Lung		Plasma Cell Tumor Malignant	
Lymph Node	Mandibular	Plasma Cell Tumor Malignant	
	Mediastinal	Plasma Cell Tumor Malignant	
	Mesenteric	Plasma Cell Tumor Malignant	
	Renal	Plasma Cell Tumor Malignant	
Note: PLAS CL TM MAL TGLs = 2,4,5-7+12+13			
Ovary		Atrophy	Moderate
		Plasma Cell Tumor Malignant	
		Polyarteritis	Mild
Pancreas		Plasma Cell Tumor Malignant	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 198	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 710 <b>HISTO:</b> A852457
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<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
Pituitary Gland	Pars Distalis	Polyarteritis	Moderate
Spleen		Hyperplasia	Mild
Note: PLAS CL TM MAL TGLs = 1-8		Plasma Cell Tumor Malignant	
Stomach	Forestomach	Abscess	Minimal
	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Plasma Cell Tumor Malignant	
Urinary Bladder		Polyarteritis	Mild
Uterus		Polyarteritis	Mild

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

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 199

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 725

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852458

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Liver	Lung
Skin	Stomach - Forestomach	Stomach - Glandular	

**OBSERVATIONS**

Intestine Small Note: PIGMENT TGLs = 3-5	Jejunum, Lymphoid Tiss	Pigmentation	Mild
Lymph Node	Mesenteric	Pigmentation	Minimal
Uterus Note: HYPERPLASIA TGLs = 2-7	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 200

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 725

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852459

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Lymph Node	Stomach - Forestomach
Stomach - Glandular			

**OBSERVATIONS**

Intestine Small Note: PIGMENT TGLs = 7-5	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Kidney	Renal Tubule	Hypertrophy Infarct	Mild Chronic, Mild
Liver Note: HISTIO SARC TGLs = 5-4		Hematopoietic Cell Proliferation Histiocytic Sarcoma	Moderate
Lung Pituitary Gland Note: ADENOMA TGLs = 6-2+2.1	Alveolus Pars Distalis	Mineralization Adenoma	Minimal
Skin Note: INFLAMMATION TGLs = 1-11	Dermis	Inflammation	Chronic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 201      TRT#: 8      SEX: Female      DAY ON TEST: 703  
 DOSE: 1.0%      DISP: Dead      HISTO: A852460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Lymphoma Malignant Undifferentiated Cell Type	
Brain	Thalamus	Mineralization	Minimal
Heart	Myocardium	Mineralization	Mild
Intestine Small	Jejunum	Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 4-8		
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 6,7-4+12		
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 5,8-6+13		
Ovary		Lymphoma Malignant Undifferentiated Cell Type	
		Pigmentation	Ceroid, Mild
Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
Salivary Glands		Lymphoma Malignant Undifferentiated Cell Type	
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 3-8+11		
Thymus		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 9-3		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 201

**TRT#:** 8  
**DOSE:** 1.0%

**SEX:** Female  
**DISP:** Dead

**DAY ON TEST:** 703  
**HISTO:** A852460

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Urinary Bladder  
Uterus

Endometrium

Lymphoma Malignant Undifferentiated Cell Type  
Hyperplasia

Cystic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:27  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 202

TRT#: 8

SEX: Female

DAY ON TEST: 725

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: A852461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Liver

Lung

Lymph Node - Mandibular

Stomach - Glandular

OBSERVATIONS

Bone Marrow

Myelofibrosis

Minimal

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 7-2

Skin

Dermis

Inflammation

Chronic, Mild

Note: INFLAMMATION TGLs = 2-7+11

Spleen

Hematopoietic Cell Proliferation

Moderate

Note: HEMA CELL PROL TGLs = 4-8

Stomach

Forestomach

Abscess

Minimal

Epithelium, Forestomach

Hyperplasia

Multiple, Mild

Forestomach

Ulcer

Mild

Uterus

Polyp Stromal

Note: POLYP STROMAL TGLs = 3-12

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 203

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852462

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow  
Intestine Small - Duodenum  
Stomach - Glandular

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Intestine Small - Jejunum

Intestine Large - Rectum  
Skin

**OBSERVATIONS**

Liver  
Lung  
Lymph Node  
Stomach

Mesenteric  
Forestomach  
Forestomach  
Epithelium, Forestomach  
Forestomach

Hepatocellular Adenoma  
Inflammation  
Hyperplasia  
Abscess  
Hyperkeratosis  
Hyperplasia  
Ulcer

Chronic, Mild  
Lymphoid, Minimal  
Minimal  
Mild  
Moderate  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:27  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 204

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852463

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node

Intestine Large - Colon  
Intestine Small - Jejunum  
Skin

Intestine Large - Rectum  
Liver  
Stomach - Glandular

Intestine Small - Duodenum  
Lung

**OBSERVATIONS**

Bone Marrow  
Stomach  
Uterus

Myeloid Cell  
Epithelium, Forestomach  
Endometrium  
Endometrium

Hyperplasia  
Hyperplasia  
Hyperplasia  
Inflammation

Mild  
Multiple, Moderate  
Cystic, Minimal  
Acute, Moderate

Note: INFLAMMATION TGLs = 3-7

Note: HYPERPLASIA TGLs = 3-7

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:27  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 205      TRT#: 8      SEX: Female      DAY ON TEST: 683  
 DOSE: 1.0%      DISP: Dead      HISTO: A852464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Nose	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell Cortex	Hyperplasia Lymphoma Malignant Mixed	Mild
Brain	Thalamus	Mineralization	Mild
Esophagus		Inflammation	Chronic, Mild
Gallbladder		Lymphoma Malignant Mixed	
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Axillary Iliac Inguinal Mandibular Mediastinal Mesenteric Pancreatic Renal	Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 14+15+16+17+18		
Note: LYMPH MAL MIXD	TGLs = 4,5,6,9,11,12,13,14-3+4+6+12		
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC	TGLs = 7-13		
Ovary		Lymphoma Malignant Mixed	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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**ANIMAL ID:** 205

**TRT#:** 8  
**DOSE:** 1.0%

**SEX:** Female  
**DISP:** Dead

**DAY ON TEST:** 683  
**HISTO:** A852464

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Pancreas  
Pituitary Gland  
Skin  
    Note: INFLAMMATION    TGLs = 3-7+11  
Spleen  
    Note: LYMPH MAL MIXD    TGLs = 10-8

Acinar Cell  
Pars Distalis  
Dermis

Pigmentation  
Atrophy  
Hyperplasia  
Inflammation  
  
Lymphoma Malignant Mixed

Ceroid, Moderate  
Minimal  
Minimal  
Chronic, Mild

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PRIMARY CAUSE OF DEATH

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**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 206

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852465

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Stomach - Glandular

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Skin

**OBSERVATIONS**

Bone Marrow  
Intestine Small  
    Note: PIGMENT      TGLs = 3-5  
Lymph Node  
    Note: PIGMENT      TGLs = 2-6  
Stomach  
Thyroid Gland  
    Note: ADENOMA      TGLs = 5-3  
Uterus  
  
    Note: HYPERPLASIA      TGLs = 1-7

Jejunum, Lymphoid Tiss  
  
Mesenteric  
  
Epithelium, Forestomach  
Follicular Cel  
  
Endometrium

Myelofibrosis  
Pigmentation  
  
Pigmentation  
  
Hyperplasia  
Adenoma  
  
Hyperplasia  
Polyp Stromal

Mild  
Minimal  
  
Minimal  
  
Minimal  
  
Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 207

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852466

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Liver
Lymph Node	Stomach - Forestomach	Stomach - Glandular	

**OBSERVATIONS**

Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Marked
Note: ANGIECTASIS TGLs = 5-2			
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-7+7.1			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-7+7.1			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 208

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852467

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Liver	Lung
Stomach - Forestomach	Stomach - Glandular		

**MISSING**

Lymph Node

**OBSERVATIONS**

Intestine Small Note: PIGMENT TGLs = 4-5	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Ovary Note: CYSTADENOMA TGLs = 2-7		Cystadenoma	
Skin Note: INFLAMMATION TGLs = 1-11	Dermis	Inflammation	Chronic, Mild
Uterus Note: HYPERPLASIA TGLs = 3-7	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:28  
 First Dose M/F: NA / NA  
 Lab: SRI

<b>ANIMAL ID:</b> 209	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 613 <b>HISTO:</b> A852468
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Mammary Gland	Nose	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Trachea	Urinary Bladder		

**MISSING**

Parathyroid Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex Cortex, Spindle Cell	Adenoma Hyperplasia	Mild
Bone [ Osteosarcoma TGLS = 5-12 ]	Pelvis	Osteosarcoma	
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Mild
Liver Note: HEPATOCLR ADEN TGLs = 4-11		Hepatocellular Adenoma	
Lung Note: OSTEOSARC TGLs = 6,7,8,9,10-6		Osteosarcoma	Metastatic (Bone)
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Ovary		Atrophy Pigmentation	Mild Ceroid, Mild
Pancreas Note: ECTASIA TGLs = 3-13	Acinar Cell Duct	Atrophy Ectasia	Marked Marked
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 210

**TRT#:** 8

**DOSE:** 1.0%

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729

**HISTO:** A852469

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Intestine Small - Jejunum

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Stomach - Glandular

**OBSERVATIONS**

Bone Marrow  
Eye  
    Note: INFLAMMATION TGLs = 1-11  
Harderian Gland  
    Note: ADENOMA TGLs = 11-16  
Liver  
    Note: HEPATOCLR CARC TGLs = 8-13  
Lymph Node  
    Note: LYMPH MAL LYMP TGLs = 5,9-5+14  
Skin  
    Note: INFLAMMATION TGLs = 3-12  
Spleen  
    Note: LYMPH MAL LYMP TGLs = 6-8  
Stomach  
Thymus  
    Note: LYMPH MAL LYMP TGLs = 10-15  
Uterus  
    Note: HYPERPLASIA TGLs = 4-7

Cornea  
Iliac  
Pancreatic  
Mesenteric  
Dermis  
Epithelium, Forestomach  
Forestomach  
Endometrium

Myelofibrosis  
Inflammation  
Adenoma  
Hepatocellular Carcinoma  
Lymphoma Malignant Lymphocytic  
Lymphoma Malignant Lymphocytic  
Pigmentation  
Inflammation  
Lymphoma Malignant Lymphocytic  
Hyperplasia  
Ulcer  
Lymphoma Malignant Lymphocytic  
Hyperplasia

Minimal  
Chronic, Mild  
Minimal  
Chronic, Mild  
Minimal  
Multiple, Mild  
Minimal  
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

<b>ANIMAL ID:</b> 211	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> A852470
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum Intestine Small - Ileum	Intestine Large - Colon Skin	Intestine Large - Rectum Stomach - Forestomach	Intestine Small - Duodenum Stomach - Glandular
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**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Intestine Small Note: PIGMENT TGLs = 5-5	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
Lung	Artery	Mineralization	Mild
Lymph Node	Iliac	Edema	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Iliac	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA TGLs = 7-11 Note: EDEMA TGLs = 7-11 Note: HEMA CELL PROL TGLs = 6-6			
Ovary Note: ABSCESS TGLs = 2-7		Abscess	Marked
Pituitary Gland Note: ADENOMA TGLs = 8-2	Pars Distalis	Adenoma	
Spleen Note: HEMA CELL PROL TGLs = 4-8		Hematopoietic Cell Proliferation	Moderate
Uterus Note: ABSCESS TGLs = 3-7		Abscess	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 212

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852471

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Liver
Lung	Lymph Node	Stomach - Glandular	

**OBSERVATIONS**

Stomach	Forestomach	Abscess	Mild
	Epithelium, Forestomach	Hyperplasia	Multiple, Mild
	Forestomach	Ulcer	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked

Note: HYPERPLASIA TGLs = 1-7

**PRIMARY CAUSE OF DEATH**

-

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:28

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 213

TRT#: 8

SEX: Female

DAY ON TEST: 487

DOSE: 1.0%

DISP: Moribund

HISTO: A852472

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thyroid Gland	Trachea		

**MISSING**

Parathyroid Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: VACUOLIZ CYTO TGLs = 4-4			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 5-6			
Ovary		Pigmentation	Ceroid, Minimal
Stomach	Glandular	Mineralization	Mild
Urinary Bladder		Polyarteritis	Minimal
Uterus		Hemorrhage	Mild
	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 3-7			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:28  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 214

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: A852473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow  
Intestine Small - Ileum

Intestine Large - Colon  
Lung

Intestine Large - Rectum  
Lymph Node - Mandibular

Intestine Small - Duodenum  
Stomach - Glandular

OBSERVATIONS

Intestine Large  
Intestine Small

Cecum, Lymphoid Tiss  
Jejunum, Lymphoid Tiss  
Jejunum, Lymphoid Tiss

Hyperplasia  
Hyperplasia  
Pigmentation

Lymphoid, Moderate  
Lymphoid, Minimal  
Minimal

Note: HYPERPLASIA TGLs = 5-5

Note: PIGMENT TGLs = 5-5

Liver

Hepatocellular Adenoma  
Hepatocellular Carcinoma

Note: HEPATOCLR CARC TGLs = 4-12

Note: HEPATOCLR ADEN TGLs = 3-11

Skin  
Stomach

Dermis  
Epithelium, Forestomach

Inflammation  
Hyperplasia

Chronic, Mild  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
 Test Type: CHRONIC  
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
 Test Compound: C.I. Pigment red 23  
 CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
 Time Report Requested: 19:22:28  
 First Dose M/F: NA / NA  
 Lab: SRI

ANIMAL ID: 215      TRT#: 8      SEX: Female      DAY ON TEST: 571  
 DOSE: 1.0%      DISP: Moribund      HISTO: A852474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Mild
Heart	Myocardium	Inflammation	Mild
Intestine Small	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Note: PIGMENT      TGLs = 13-5			
Kidney	Glomerulus	Inflammation	Membranoprolif, Mild
Liver		Hematopoietic Cell Proliferation	Minimal
Lung		Inflammation	Acute, Mild
Note: INFLAMMATION      TGLs = 10-6			
Lymph Node	Renal	Hemangiosarcoma	
	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mediastinal	Hyperplasia	Plasma Cell, Marked
	Mesenteric	Hyperplasia	Plasma Cell, Mild
	Mediastinal	Inflammation	Acute, Mild
Note: HEMA CELL PROL      TGLs = 14-6			
Note: HEMANGIOSARC      TGLs = 9-12			
Note: HYPERPLASIA      TGLs = 11-3+13			
Ovary		Abscess	Marked
Note: ABSCESS      TGLs = 4,5-7+14			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION      TGLs = 1-7+11			
Spleen		Hematopoietic Cell Proliferation	Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04

**Test Type:** CHRONIC

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Pigment red 23

**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014

**Time Report Requested:** 19:22:28

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

**Lab:** SRI

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**ANIMAL ID:** 215

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 571

**DOSE:** 1.0%

**DISP:** Moribund

**HISTO:** A852474

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HEMA CELL PROL TGLs = 7-8

Stomach	Glandular	Mineralization	Mild
Thymus		Atrophy	Mild
Uterus		Hydrometra	Mild

Note: HYDROMETRA TGLs = 6-7

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 216

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852475

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Liver
Lung	Stomach - Glandular		

**OBSERVATIONS**

Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 3-6			
Skin	Dermis	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 1-11			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 217

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852476

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Lung	Lymph Node
Stomach - Glandular			

**OBSERVATIONS**

Intestine Small Note: PIGMENT TGLs = 4-5	Jejunum, Lymphoid Tiss	Pigmentation	Minimal
Liver		Hepatocellular Adenoma	
Skin Note: INFLAMMATION TGLs = 2-7+11	Dermis	Inflammation	Chronic, Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Uterus Note: HYPERPLASIA TGLs = 3-7	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 218	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852477
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Intestine Large - Colon Intestine Small - Jejunum	Intestine Large - Rectum Liver	Intestine Small - Duodenum Stomach - Forestomach	Intestine Small - Ileum Stomach - Glandular
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**OBSERVATIONS**

Bone Marrow		Hypocellularity Myelofibrosis	Minimal Minimal
Intestine Large Lung Note: ALV BRON ADEN TGLs = 7-6	Cecum, Lymphoid Tiss	Hyperplasia Alveolar/Bronchiolar Adenoma	Lymphoid, Mild
Lymph Node Note: HYPERPLASIA TGLs = 5-6	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland Note: ADENOMA TGLs = 8-2	Pars Distalis	Adenoma	
Skin Note: INFLAMMATION TGLs = 2-7+11	Dermis	Inflammation	Chronic, Minimal
Uterus Note: HYPERPLASIA TGLs = 3-7	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:28

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 219

TRT#: 8

SEX: Female

DAY ON TEST: 619

DOSE: 1.0%

DISP: Moribund

HISTO: A852478

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Mineralization	Minimal
Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Note: ALV BRON CARC TGLs = 3,4-6			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mesenteric	Pigmentation	Minimal
Note: ALV BRON CARC TGLs = 5-11			
Nose	Sinus	Exudate	Acute, Minimal
Ovary		Atrophy	Mild
		Pigmentation	Ceroid, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 220

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852479

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Colon  
Intestine Small - Jejunum

Intestine Large - Rectum  
Liver

Intestine Small - Duodenum  
Lung

Intestine Small - Ileum  
Stomach - Glandular

**OBSERVATIONS**

Bone Marrow  
Intestine Large  
Lymph Node  
Note: HYPERPLASIA TGLs = 3-6

Cecum, Lymphoid Tiss  
Mesenteric

Myelofibrosis  
Hyperplasia  
Hyperplasia

Minimal  
Lymphoid, Mild  
Lymphoid, Mild

Skin  
Note: INFLAMMATION TGLs = 1-7+11

Dermis

Inflammation

Chronic, Mild

Stomach

Epithelium, Forestomach  
Forestomach

Hyperplasia  
Ulcer

Mild  
Minimal

Uterus  
Note: HYPERPLASIA TGLs = 2-7

Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: C.I. Pigment red 23

CAS Number: 6471-49-4

Date Report Requested: 10/21/2014

Time Report Requested: 19:22:28

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 221

TRT#: 8

DOSE: 1.0%

SEX: Female

DISP: Moribund

DAY ON TEST: 647

HISTO: A852480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland	Nose
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Lung		Sarcoma	Metastatic (Skin)
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
	Inguinal	Sarcoma	Metastatic (Skin)
	Mesenteric	Sarcoma	Metastatic (Skin)
	Renal	Sarcoma	Metastatic (Skin)
Note: SARCOMA	TGLs = 3,6-12+13		
Ovary		Atrophy	Moderate
		Pigmentation	Ceroid, Moderate
Pancreas	Acinar Cell	Atrophy	Minimal
Skin		Sarcoma	
Note: SARCOMA	TGLs = 5-11		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 4-8		
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 222	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 730 <b>HISTO:</b> A852481
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Liver
Lung	Stomach - Forestomach		

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**OBSERVATIONS**

Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 2,3-7+11+12		
Stomach	Glandular	Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 4-7		

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 223

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852482

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Skin	Stomach - Forestomach	Stomach - Glandular	

**OBSERVATIONS**

Islets, Pancreatic Note: ADENOMA TGLs = 3-5		Adenoma	
Liver Note: HEPATOCLR CARC TGLs = 4-11		Hepatocellular Carcinoma	
Lymph Node Ovary Note: GRAN THECA BGN TGLs = 2-7	Mesenteric	Hyperplasia Granulosa-Theca Tumor Benign	Lymphoid, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:28  
First Dose M/F: NA / NA  
Lab: SRI

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<b>ANIMAL ID:</b> 224	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 420 <b>HISTO:</b> A84031176
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Heart	Salivary Glands
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**MISSING**

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

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Nose
Pancreas	Pituitary Gland	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

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**OBSERVATIONS**

Lung	Sarcoma	Metastatic (Skin)
Skin	Sarcoma	

Note: SARCOMA TGLs = 3-21

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:28  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 225

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: A852484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Stomach - Forestomach	Stomach - Glandular		

OBSERVATIONS

Liver		Lymphoma Malignant Mixed	
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4,7,8,9,10-3+4+6+12+13		
Skin	Dermis	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1-7+11		
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 6-8		
Thymus		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 11-14		
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 5-7		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

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<b>ANIMAL ID:</b> 226	<b>TRT#:</b> 8 <b>DOSE:</b> 1.0%	<b>SEX:</b> Female <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 516 <b>HISTO:</b> A852485
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Thymus

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**AUTO PRECLUDES DIAG.**

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Kidney	Prox Con Tub, Renal Tubule	Degeneration	Hyaline, Moderate
Liver		Hemangiosarcoma	
Ovary	Follicle	Cyst	Mild
Note: CYST      TGLs = 2-7			
Uterus	Endometrium	Cyst	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 227

**TRT#:** 8  
**DOSE:** 1.0%

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

**DAY ON TEST:** 730  
**HISTO:** A852486

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node

Intestine Large - Colon  
Intestine Small - Jejunum  
Stomach - Forestomach

Intestine Large - Rectum  
Liver  
Stomach - Glandular

Intestine Small - Duodenum  
Lung

**OBSERVATIONS**

Bone Marrow  
Pituitary Gland  
    Note: ADENOMA      TGLs = 3-2+2.1  
Skin  
    Note: INFLAMMATION      TGLs = 1-11  
Uterus  
    Note: HYPERPLASIA      TGLs = 2-7

Pars Distalis  
Dermis  
Endometrium

Myelofibrosis  
Adenoma  
Inflammation  
Hyperplasia

Minimal  
Chronic, Mild  
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05021-04  
**Test Type:** CHRONIC  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Pigment red 23  
**CAS Number:** 6471-49-4

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 19:22:28  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**ANIMAL ID:** 228

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 1.0%

**DISP:** Terminal Sacrifice

**HISTO:** A852487

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Intestine Small - Duodenum

Intestine Small - Ileum

**OBSERVATIONS**

Bone Marrow

Lymphoma Malignant Lymphocytic

Intestine Large

Cecum

Lymphoma Malignant Lymphocytic

Colon

Lymphoma Malignant Lymphocytic

Rectum

Lymphoma Malignant Lymphocytic

Intestine Small

Jejunum

Lymphoma Malignant Lymphocytic

Note: LYMPH MAL LYMP TGLs = 8-5

Liver

Lymphoma Malignant Lymphocytic

Lung

Lymphoma Malignant Lymphocytic

Lymph Node

Mesenteric

Lymphoma Malignant Lymphocytic

Note: LYMPH MAL LYMP TGLs = 7-6

Skin

Dermis

Inflammation

Chronic, Mild

Note: INFLAMMATION TGLs = 3,4-11+12

Spleen

Lymphoma Malignant Lymphocytic

Note: LYMPH MAL LYMP TGLs = 6-8

Stomach

Forestomach

Lymphoma Malignant Lymphocytic

Glandular

Lymphoma Malignant Lymphocytic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:28  
First Dose M/F: NA / NA  
Lab: SRI

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ANIMAL ID: 229	TRT#: 8 DOSE: 1.0%	SEX: Female DISP: Dead	DAY ON TEST: 665 HISTO: A852488
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ORGAN AND ACCOUNTABLE SITE STATUS

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**NORMAL**

Adrenal Gland - Medulla	Bone	Esophagus	Kidney
Lung	Lymph Node - Mandibular	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Islets, Pancreatic	Pancreas	Thymus
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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Glandular

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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Heart	Myocardium	Inflammation	Acute, Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Renal	Abscess	Mild
	Renal	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA TGLs = 4-11			
Note: ABSCESS TGLs = 4-11			
Ovary		Abscess	Marked
Note: ABSCESS TGLs = 1,2-12			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-8			
Uterus		Exudate	Purulent, Moderate

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05021-04  
Test Type: CHRONIC  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: C.I. Pigment red 23  
CAS Number: 6471-49-4

Date Report Requested: 10/21/2014  
Time Report Requested: 19:22:28  
First Dose M/F: NA / NA  
Lab: SRI

ANIMAL ID: 230

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1.0%

DISP: Terminal Sacrifice

HISTO: A852489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large - Cecum  
Intestine Small - Ileum

Intestine Large - Colon  
Liver

Intestine Large - Rectum  
Lung

Intestine Small - Duodenum  
Lymph Node

OBSERVATIONS

Bone Marrow  
Intestine Small  
Note: LYMPH MAL UNDF TGLs = 3-12

Myeloid Cell  
Jejunum

Hyperplasia  
Lymphoma Malignant Undifferentiated Cell Type

Mild

Skin  
Note: INFLAMMATION TGLs = 2-7+11

Dermis

Inflammation

Chronic, Mild

Stomach

Forestomach  
Epithelium, Forestomach  
Glandular  
Forestomach

Abscess  
Hyperplasia  
Mineralization  
Ulcer

Minimal  
Multiple, Mild  
Minimal  
Minimal

PRIMARY CAUSE OF DEATH

-

\*\* END OF REPORT \*\*