

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>C Number:</b>	C60128
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	03/01/1989

**Experiment Number:** 05042-02  
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**Route:** GAVAGE  
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**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
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**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL MALE	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
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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
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mesentery
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Intestine Small - Duodenum	Mammary Gland	Thymus
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**OBSERVATIONS**

Kidney	Infarct	Minimal
Lung	Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 2-5		
Tooth	Dysplasia	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Intestine Large - Colon	Intestine Small - Duodenum	Mammary Gland	Thymus
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 2,3-3+9			
Pancreas	Acinus	Atrophy	Mild
Tooth		Inflammation	Acute, Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 697
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Moribund	<b>HISTO:</b>

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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	Eye
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mesentery
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Intestine Small - Duodenum	Mammary Gland
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**OBSERVATIONS**

Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 2-12		
Liver		Hepatocellular Adenoma	
		Sarcoma	Metastatic (Spleen)
Note: HEPATOCLR ADEN	TGLs = 3-9		
Lung	Pleura	Inflammation	Acute, Mild
Spleen		Sarcoma	
Note: SARCOMA	TGLs = 3-10		
Note: SARCOMA INFILTRATE POSSIBLY HISTIOCYTIC LYMPHOMA			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland

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**OBSERVATIONS**

Kidney	Glomerulus	Dilatation	Minimal
Stomach	Glandular	Inflammation	Acute, Mild
Tooth		Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 665
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Moribund	<b>HISTO:</b>

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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	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Skeletal Muscle	Spleen	Stomach - Glandular	Testes
Thyroid Gland	Tooth	Trachea	

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**MISSING**

Intestine Small - Duodenum	Lymph Node - Mandibular	Mammary Gland	Salivary Glands
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Mesentery		Inflammation	Acute, Mild
Seminal Vesicle		Inflammation	Chronic, Moderate
Skin		Acanthosis	Minimal
		Inflammation	Acute, Mild

[ Acanthosis TGLS = 1-11 ]

[ Inflammation TGLS = 3-10 ]

Stomach	Forestomach	Hyperplasia	Squamous, Mild
Thymus		Cyst	Mild
Urinary Bladder		Inflammation	Chronic, Moderate

Note: PROBABLE CAUSE OF MORIBUND CONDITION

Note: INFLAMMATION TGLs = 4-9

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL MALE	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 715 <b>HISTO:</b>
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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
Harderian Gland	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	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland	Pituitary Gland	Thymus
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**OBSERVATIONS**

Liver		Hepatocellular Adenoma	
		Histiocytic Sarcoma	
Note: [ HISTIO SARC ] TGLs = 3,4-3+9			
Lung		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Spleen		Histiocytic Sarcoma	
Note: APPARENT CAUSE OF MORIBUNDITY-HISTIOCYTIC SARC			
Note: [ HISTIO SARC ] TGLs = 2-3			
Tooth		Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** tris(2-Chloroethyl) phosphate

**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 20:32:21

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

**Lab:** MBA

**ANIMAL ID:** 7

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 250

**DOSE:** CONTROL MALE

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Prostate  
Skin  
Testes  
Trachea

Adrenal Gland - Medulla  
Epididymis  
Harderian Gland  
Intestine Large - Rectum  
Liver  
Nose  
Salivary Glands  
Spleen  
Thymus

Bone  
Esophagus  
Heart  
Intestine Small - Ileum  
Lung  
Pancreas  
Seminal Vesicle  
Stomach - Forestomach  
Thyroid Gland

Bone Marrow  
Eye  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Pituitary Gland  
Skeletal Muscle  
Stomach - Glandular  
Tooth

**MISSING**

Intestine Small - Duodenum

Mammary Gland

Parathyroid Gland

**OBSERVATIONS**

Kidney  
Note: PROBABLE CAUSE OF DEATH-RENAL TUBULE NECROSIS  
Urinary Bladder

Renal Tubule

Necrosis

Hemorrhage

Coagulative, Moderate

Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL MALE	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 688 <b>HISTO:</b>
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Duodenum	Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Ballooning, Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
Note: APPARENT CAUSE OF MORIBUNDITY-HEPATOCELLULAR CARCINOMA			
Note: [ HEPATOCLR CARC ] TGLs = 2-9			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 3-5			

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL MALE	<b>SEX:</b> Male <b>DISP:</b> Dead	<b>DAY ON TEST:</b> 714 <b>HISTO:</b>
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Brain	Epididymis	Esophagus
Heart	Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland
Pituitary Gland	Prostate	Skeletal Muscle	Trachea

**MISSING**

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

Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
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**OBSERVATIONS**

Bone Marrow		Lymphoma Malignant Undifferentiated Cell Type	
Harderian Gland		Lymphoma Malignant Undifferentiated Cell Type	
Intestine Large	Colon	Lymphoma Malignant Undifferentiated Cell Type	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Undifferentiated Cell Type	
Lung	Alveolus	Foreign Body	Minimal
		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Nose		Lymphoma Malignant Undifferentiated Cell Type	
Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
Salivary Glands		Lymphoma Malignant Undifferentiated Cell Type	
Seminal Vesicle		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 1-4			
Skin		Lymphoma Malignant Undifferentiated Cell Type	
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 2-3			
Note: PROBABLE CAUSE OF DEATH-LYMPHOMA MAL UNDF			
Stomach	Forestomach	Lymphoma Malignant Undifferentiated Cell Type	
	Glandular	Lymphoma Malignant Undifferentiated Cell Type	

\* PROTOCOL REQUIRED TISSUE

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**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 714
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
Testes		Lymphoma Malignant Undifferentiated Cell Type	
Thymus		Lymphoma Malignant Undifferentiated Cell Type	
Thyroid Gland		Lymphoma Malignant Undifferentiated Cell Type	
Tooth		Dysplasia	Moderate
Urinary Bladder		Lymphoma Malignant Undifferentiated Cell Type	

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

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 654

DOSE: CONTROL MALE

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Pancreas  
Seminal Vesicle  
Stomach - Glandular  
Tooth

Adrenal Gland - Medulla  
Epididymis  
Heart  
Intestine Small - Ileum  
Liver  
Pituitary Gland  
Skeletal Muscle  
Testes  
Trachea

Bone  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Prostate  
Skin  
Thymus  
Urinary Bladder

Bone Marrow  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Nose  
Salivary Glands  
Stomach - Forestomach  
Thyroid Gland

MISSING

Intestine Small - Duodenum

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Lung

Pleura  
Pleura

Foreign Body  
Inflammation

Mild  
Acute, Moderate

Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT

Lymph Node

Mesenteric

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 1,2-9+10

Spleen

Lymphoma Malignant Mixed

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 11

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Nose  
Prostate  
Skin  
Testes  
Urinary Bladder

Adrenal Gland - Medulla  
Epididymis  
Heart  
Intestine Small - Ileum  
Lung  
Pancreas  
Salivary Glands  
Spleen  
Thyroid Gland

Bone  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Parathyroid Gland  
Seminal Vesicle  
Stomach - Forestomach  
Tooth

Bone Marrow  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Pituitary Gland  
Skeletal Muscle  
Stomach - Glandular  
Trachea

**MISSING**

Intestine Small - Duodenum

Mammary Gland

Thymus

**OBSERVATIONS**

Liver Hemangiosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** tris(2-Chloroethyl) phosphate

**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 20:32:21

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

**Lab:** MBA

**ANIMAL ID:** 12

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Heart  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Parathyroid Gland  
Seminal Vesicle  
Stomach - Forestomach  
Thyroid Gland

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Pituitary Gland  
Skeletal Muscle  
Stomach - Glandular  
Trachea

Bone  
Gallbladder  
Intestine Large - Rectum  
Kidney  
Nose  
Prostate  
Skin  
Testes  
Urinary Bladder

Bone Marrow  
Harderian Gland  
Intestine Small - Ileum  
Lung  
Pancreas  
Salivary Glands  
Spleen  
Thymus

**MISSING**

Epididymis

Intestine Large - Cecum

Intestine Small - Duodenum

Mammary Gland

**OBSERVATIONS**

Liver

Necrosis

Coagulative, Marked

Note: NECROSIS TGLs = 1-9

Note: NECROTIC TISSUE MAY BE INFARCTED HEPATOCELL NEOPLASM

Tooth

Inflammation

Acute, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: tris(2-Chloroethyl) phosphate  
CAS Number: 115-96-8

Date Report Requested: 10/20/2014  
Time Report Requested: 20:32:21  
First Dose M/F: NA / NA  
Lab: MBA

ANIMAL ID: 13                      TRT#: 1                      SEX: Male                      DAY ON TEST: 729  
DOSE: CONTROL MALE                      DISP: Terminal Sacrifice                      HISTO:

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
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Harderian Gland		Adenoma	
		Hyperplasia	Mild
[ Adenoma TGLS = 1-9 ]			
Liver		Hepatocellular Adenoma	Multiple
Note: [ HEPATOCLR ADEN ] TGLs = 3,4,6-3+12,5-11			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-10 ]			
Salivary Glands		Inflammation	Chronic, Minimal
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>ANIMAL ID:</b> 14	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL MALE	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b>
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Ear	Epididymis	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Testes
Thyroid Gland	Tooth	Trachea	Urinary Bladder

**MISSING**

Intestine Large - Cecum	Intestine Small - Duodenum	Mammary Gland	Thymus
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Ear			
Note: RECUT-NO MASS OBSERVED			
Note: EAR MASS-NCL, RECUT ORDERED			
Liver		Clear Cell Focus Hepatocellular Adenoma	Minimal
Note: HEPATOCLR ADEN TGLs = 2-9			
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Minimal
Note: [ ALV BRON CARC ] TGLs = 4-5			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-10 ]			
Pancreas	Acinus	Atrophy	Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Glandular	Inflammation	Acute, Minimal

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



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 15	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 675
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

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**MISSING**

Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Mammary Gland
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**AUTO PRECLUDES DIAG.**

Gallbladder

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**OBSERVATIONS**

Bone		Fracture Healed	
[ Fracture Healed TGLS = 2-9 ]			
Liver		Hepatocellular Adenoma	Multiple
Note: [ HEPATOCLR ADEN ] TGLs = 3,6-3+12			
Lung		Congestion	Mild
	Mediastinum	Foreign Body	Minimal
	Mediastinum	Inflammation	Acute, Mild
Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT			
[ Congestion TGLS = 4-5 ]			
Skin		Fibrosis	Moderate
Note: [ FIBROSIS ] TGLs = 5-11			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 16

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Heart  
Intestine Small - Duodenum  
Kidney  
Lymph Node - Mesenteric  
Parathyroid Gland  
Seminal Vesicle  
Stomach - Forestomach  
Thyroid Gland

Adrenal Gland - Medulla  
Epididymis  
Intestine Large - Cecum  
Intestine Small - Ileum  
Liver  
Mammary Gland  
Pituitary Gland  
Skeletal Muscle  
Stomach - Glandular  
Trachea

Bone  
Esophagus  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lung  
Nose  
Prostate  
Skin  
Testes  
Urinary Bladder

Bone Marrow  
Harderian Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Lymph Node - Mandibular  
Pancreas  
Salivary Glands  
Spleen  
Thymus

**MISSING**

Gallbladder

**OBSERVATIONS**

Mesentery  
Note: LIPOMA      TGLs = 2-9  
Tooth

Lipoma

Dysplasia

Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 17	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 451
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Moribund	<b>HISTO:</b>

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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	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

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**MISSING**

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

Liver [ Hematopoietic Cell Proliferation TGLS = 3-3 ]	Hematopoietic Cell Proliferation	Marked
Skin Note: INFLAMMATION TGLs = 4-9 Note: PROBABLE CAUSE OF MORIBUNDITY-INFLAMMATION IN SKIN	Inflammation	Acute, Marked
Spleen [ Hematopoietic Cell Proliferation TGLS = 2-3 ]	Hematopoietic Cell Proliferation	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 485

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Epididymis  
Intestine Large - Colon  
Lymph Node - Mandibular  
Parathyroid Gland  
Skeletal Muscle  
Stomach - Glandular  
Tooth

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Rectum  
Lymph Node - Mesenteric  
Pituitary Gland  
Skin  
Testes  
Trachea

Bone  
Heart  
Islets, Pancreatic  
Nose  
Salivary Glands  
Spleen  
Thymus

Bone Marrow  
Intestine Large - Cecum  
Liver  
Pancreas  
Seminal Vesicle  
Stomach - Forestomach  
Thyroid Gland

MISSING

Harderian Gland

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Brain  
Kidney  
Lung

Thalamus  
Pelvis

Mineralization  
Inflammation  
Congestion  
Foreign Body  
Inflammation  
Inflammation

Minimal  
Acute, Mild  
Minimal  
Minimal  
Chronic, Moderate  
Chronic, Moderate

Note: MASS SEEN GROSSLY IN BLADDER WAS PROBABLY A CALCULUS

Note: PROBABLE CAUSE OF DEATH-INFLAMM IN URINARY BLADDER

[ Inflammation TGLS = 1-4 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 19	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Ballooning, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
	Face	Foreign Body	Mild
	Face	Inflammation	Acute, Mild
[ Fibrosarcoma TGLS = 2-10 ]			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 3-3 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 20	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Testes
Urinary Bladder			

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**MISSING**

Esophagus	Intestine Small - Duodenum	Mammary Gland	Parathyroid Gland
Thymus	Thyroid Gland	Trachea	

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**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Ballooning, Minimal
Pancreas	Acinus	Atrophy	Minimal
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Glandular, Mucosa	Dilatation	Minimal
Tooth		Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 21

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 656

**DOSE:** CONTROL MALE

**DISP:** Dead

**HISTO:**

**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	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Mammary Gland

**OBSERVATIONS**

Bone Marrow		Atrophy	Moderate
Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Hyperplasia	Minimal
Pancreas	Acinus	Atrophy	Minimal
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Hemangiosarcoma	
Note: PROBABLE CAUSE OF DEATH-SPLENIC HEMANGIOSARCOMA [ Hemangiosarcoma TGLS = 2-9 ]			
Thymus		Cyst	Minimal
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 298

DOSE: CONTROL MALE

DISP: Dead

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Epididymis  
Intestine Large - Cecum  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Parathyroid Gland  
Skeletal Muscle  
Stomach - Glandular  
Trachea

Adrenal Gland - Medulla  
Eye  
Intestine Large - Colon  
Kidney  
Mammary Gland  
Pituitary Gland  
Skin  
Testes  
Urinary Bladder

Bone  
Harderian Gland  
Intestine Large - Rectum  
Liver  
Nose  
Salivary Glands  
Spleen  
Thyroid Gland

Bone Marrow  
Heart  
Intestine Small - Ileum  
Lymph Node - Mandibular  
Pancreas  
Seminal Vesicle  
Stomach - Forestomach  
Tooth

**MISSING**

Gallbladder

Prostate

Thymus

**AUTO PRECLUDES DIAG.**

Intestine Small - Duodenum

Intestine Small - Jejunum

**OBSERVATIONS**

Brain  
Esophagus  
Lung

Thalamus  
Periesoph Tiss  
Mediastinum

Mineralization  
Inflammation  
Foreign Body

Minimal  
Acute, Mild  
Moderate

Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 23

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 298

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Tooth	Urinary Bladder		

**MISSING**

Intestine Small - Duodenum	Mammary Gland
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Esophagus	Periesoph Tiss	Inflammation	Acute, Moderate
		Perforation	Moderate
Note: PERFORATION TGLs = 4-2			
Liver		Vacuolization Cytoplasmic	Minimal
Lung	Mediastinum	Inflammation	Acute, Minimal
	Pleura	Inflammation	Acute, Minimal
Note: PROBABLE CAUSE OF MORIBUNDITY-GAVAGE ACCIDENT			
Note: INFLAMMATION TGLs = 2-5			
Skin	Subcut Tiss	Abscess	Minimal
Trachea	Peritrach Tiss	Inflammation	Acute, Moderate
Note: INFLAMMATION TGLs = 3-2			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 24

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 681

**DOSE:** CONTROL MALE

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Brain	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pituitary Gland	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea		

**MISSING**

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

Intestine Small - Ileum

**OBSERVATIONS**

Bone Marrow		Hemangiosarcoma	Metastatic (Uncertain Primary Site)
Harderian Gland		Adenoma	
Kidney	Pelvis	Inflammation	Acute, Moderate
Note: INFLAMMATION    TGLs = 6-3			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS        TGLs = 4-11			
Nose		Foreign Body	Mild
Pancreas		Inflammation	Acute, Mild
Preputial Gland		Inflammation	Chronic, Marked
[ Inflammation TGLS = 1-10 ]			
Prostate		Inflammation	Acute, Moderate
Skin		Edema	Moderate
		Inflammation	Mild
[ Edema TGLS = 2-9 ]			
Spleen		Hemangiosarcoma	
Note: [ HEMANGIOSARC ] TGLs = 5-3			
Tooth		Dysplasia	Moderate
Urinary Bladder		Inflammation	Acute, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** tris(2-Chloroethyl) phosphate

**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 20:32:21

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

**Lab:** MBA

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**ANIMAL ID:** 24

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 681

**DOSE:** CONTROL MALE

**DISP:** Dead

**HISTO:**

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: INFLAMMATION TGLs = 3-4

Note: PROBABLE CAUSE OF DEATH- INFLAMM OF URINARY BLADDER

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 25                      **TRT#:** 1                      **SEX:** Male                      **DAY ON TEST:** 729  
**DOSE:** CONTROL MALE                      **DISP:** Terminal Sacrifice                      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Adrenal Gland - Medulla	Intestine Small - Duodenum	Parathyroid Gland
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**OBSERVATIONS**

Liver Note: HEPATOCLR ADEN    TGLs = 4-9		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Adenoma	
Mesentery Note: NECROSIS        TGLs = 3-10	Alveolus	Foreign Body	Minimal
Tooth	Fat	Necrosis	Moderate
		Dysplasia	Moderate

**PRIMARY CAUSE OF DEATH**                      -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 26	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tooth	Trachea	Urinary Bladder

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**MISSING**

Gallbladder	Parathyroid Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Ballooning, Minimal
Heart	Atrium	Thrombosis	Mild
Kidney		Nephropathy	Moderate
Liver		Hepatocellular Adenoma	Multiple
Note: [ HEPATOCLR ADEN ] TGLs = 2-3			
Lung		Inflammation	Chronic, Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 670

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Harderian Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Nose  
Seminal Vesicle  
Stomach - Glandular  
Urinary Bladder

Adrenal Gland - Medulla  
Epididymis  
Heart  
Intestine Small - Duodenum  
Lymph Node - Mandibular  
Pituitary Gland  
Skeletal Muscle  
Testes

Bone  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mesenteric  
Prostate  
Skin  
Thyroid Gland

Bone Marrow  
Gallbladder  
Intestine Large - Colon  
Intestine Small - Jejunum  
Mammary Gland  
Salivary Glands  
Spleen  
Trachea

MISSING

Parathyroid Gland

Stomach - Forestomach

Thymus

OBSERVATIONS

Kidney Renal Tubule

Karyomegaly Minimal

Nephropathy Minimal

Liver  
Note: HEPATOCLR CARC TGLs = 2-9  
Hemangiosarcoma  
Hepatocellular Carcinoma

Lung  
Note: FOREIGN BODY TGLs = 3-5  
Note: APPARENT CAUSE OF DEATH-GAVAGE ACCIDENT  
Mediastinum  
Mediastinum

Foreign Body Mild  
Inflammation Acute, Moderate

Pancreas Acinus  
Preputial Gland  
[ Inflammation TGLS = 1-10 ]  
Inflammation Minimal  
Chronic, Marked

Tooth Dysplasia Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Nose  
Prostate  
Skin  
Thyroid Gland

Adrenal Gland - Medulla  
Epididymis  
Heart  
Intestine Small - Ileum  
Lung  
Pancreas  
Salivary Glands  
Spleen  
Trachea

Bone  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Parathyroid Gland  
Seminal Vesicle  
Stomach - Forestomach  
Urinary Bladder

Bone Marrow  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Pituitary Gland  
Skeletal Muscle  
Stomach - Glandular

MISSING

Intestine Small - Duodenum

Mammary Gland

Thymus

OBSERVATIONS

Liver  
Clear Cell Focus  
Hepatocellular Adenoma  
Note: HEPATOCLR ADEN TGLs = 2-3  
Preputial Gland  
Inflammation  
Testes  
Interstit Cell  
Adenoma  
Tooth  
Dysplasia

Minimal  
Chronic, Mild  
Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 29      **TRT#:** 1      **SEX:** Male      **DAY ON TEST:** 729  
**DOSE:** CONTROL MALE      **DISP:** Terminal Sacrifice      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small - Duodenum	Mammary Gland	Thymus
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Mild
Liver		Hepatocellular Adenoma	
		Necrosis	Coagulative, Minimal
[ Necrosis TGLS = 4-9 ]			
Lung	Alveolus	Foreign Body	Minimal
Preputial Gland		Inflammation	Chronic, Moderate
[ Inflammation TGLS = 1-10 ]			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Inflammation	Acute, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 30

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small - Duodenum	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Thymus			

**OBSERVATIONS**

Bone Marrow		Atrophy	Mild
Brain	Thalamus	Mineralization	Minimal
Lung	Alveolus	Alveolar/Bronchiolar Adenoma	Histiocyte, Moderate
		Infiltration Cellular	
Note: ALV BRON ADEN TGLs = 3-5			
Pituitary Gland	Pars Distalis	Cyst	Mild
Skin		Inflammation	Chronic, Moderate
[ Inflammation TGLS = 1-9 ]			
Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]			
Thyroid Gland		Inflammation	Acute, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 31	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Intestine Small - Duodenum	Mammary Gland	Parathyroid Gland	Thymus
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**OBSERVATIONS**

Brain	Meninges	Inflammation	Chronic, Minimal
Heart		Inflammation	Subacute, Minimal
Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Subacute, Minimal
[ Hepatocellular Adenoma TGLS = 1-9 ]			
Salivary Glands		Inflammation	Chronic, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 32	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 620
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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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	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tooth	Trachea	Urinary Bladder

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**MISSING**

Intestine Small - Duodenum	Mammary Gland	Pituitary Gland	Thymus
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**AUTO PRECLUDES DIAG.**

Gallbladder

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**OBSERVATIONS**

Heart	Carcinoma	Metastatic (Uncertain Primary Site)
Kidney	Carcinoma	Metastatic (Uncertain Primary Site)
Liver	Hepatocellular Carcinoma	
Note: TUMOR HAS FOCAL DUCTULAR FEATURES		
Note: APPARENT CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA		
Note: [ HEPATOCLR CARC ] TGLs = 3-9		
Lung	Carcinoma	Metastatic (Uncertain Primary Site)
Note: PREDOMINANT DUCTULAR PATTERN, SPINDLE CELL FOCI,		
Note: [ CARCINOMA ] TGLs = 5-5		
Note: TUMOR MASSES ARE VERY PLEOMORPHIC, WITH A		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 33	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 638
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

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

Gallbladder

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**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Mild
Lung		Edema	Mild
	Pleura	Inflammation	Granulomatous, Moderate
Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT			
Tooth		Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Harderian Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Lymph Node - Mandibular  
Parathyroid Gland  
Seminal Vesicle  
Stomach - Glandular  
Tooth

Adrenal Gland - Medulla  
Epididymis  
Heart  
Intestine Small - Duodenum  
Kidney  
Lymph Node - Mesenteric  
Pituitary Gland  
Skeletal Muscle  
Testes  
Trachea

Bone  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Ileum  
Liver  
Mammary Gland  
Prostate  
Skin  
Thymus  
Urinary Bladder

Bone Marrow  
Gallbladder  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lung  
Nose  
Salivary Glands  
Stomach - Forestomach  
Thyroid Gland

OBSERVATIONS

Pancreas  
Note: ATROPHY TGLs = 3-6  
Spleen  
[ Hyperplasia TGLS = 2-3 ]

Acinus

Atrophy

Marked

Hyperplasia

Lymphoid, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 35

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 636

**DOSE:** CONTROL MALE

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tooth	Trachea	Urinary Bladder

**MISSING**

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

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

Liver	Hepatocellular Adenoma Hepatocellular Carcinoma	Multiple
Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA [ Hepatocellular Adenoma TGLS = 2-9 ]		
Lung	Alveolar/Bronchiolar Carcinoma Inflammation	Chronic, Mild
Note: [ ALV BRON CARC ] TGLs = 3-5		
Salivary Glands	Inflammation	Chronic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 36

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:**

**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	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	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Adenoma	
		Nephropathy	Moderate
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 3,4-3+10			
Lymph Node	Mesenteric	Inflammation	Acute, Mild
	Mesenteric	Thrombosis	Moderate
Skeletal Muscle		Fibrosis	Moderate
		Inflammation	Acute, Moderate
[ Inflammation TGLS = 2-12 ]			
Thymus		Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 37	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 626
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Moribund	<b>HISTO:</b>

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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
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Intestine Small - Duodenum	Mammary Gland
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**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
Note: PROBABLE CAUSE OF MORIBUNDITY-HEPATOCELLULAR CARCINOMA			
Note: MASS INTERPRETED GROSSLY AS BEING IN MESENTERY IS			
Note: A NECROTIC HEPATOCELLULAR CARCINOMA			
[ Hepatocellular Carcinoma TGLS = 2,3-9+10 ]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Pancreas	Acinus	Atrophy	Minimal
Salivary Glands		Inflammation	Chronic, Minimal
Tooth		Dysplasia	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 38	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

Mammary Gland	Parathyroid Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex	Atrophy	Mild
Brain	Thalamus	Mineralization	Minimal
Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Minimal
	[ Vacuolization Cytoplasmic TGLS = 3-9 ]		
Lung		Alveolar/Bronchiolar Adenoma	
Pancreas	Acinus	Atrophy	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 39

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 690

**DOSE:** CONTROL MALE

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small - Duodenum	Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
<p>Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA</p> <p>Note: [ HEPATOCLR ADEN ] TGLs = 3-3</p> <p>Note: [ HEPATOCLR CARC ] TGLs = 4-9</p>			
Lung		Foreign Body	Mild
	Pleura	Inflammation	Granulomatous, Mild
Mesentery	Fat	Necrosis	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 40	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

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**MISSING**

Lymph Node - Mandibular

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**OBSERVATIONS**

Ear	Middle Ear	Inflammation	Acute, Mild
Harderian Gland	Bilateral	Adenoma	
Note: ADENOMA TGLs = 4-10+13			
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 3,5-3+9			
Lung		Alveolar/Bronchiolar Adenoma	
Pancreas	Acinus	Atrophy	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 41

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small - Duodenum	Mammary Gland
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**OBSERVATIONS**

Esophagus	Periesoph Tiss Periesoph Tiss	Foreign Body Inflammation	Mild Granulomatous, Mild
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 3-9 ]			
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mandibular Mesenteric	Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1,4-2+10			
Pancreas	Acinus	Atrophy	Mild
Spleen		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 2-3 ]			
Tooth		Dysplasia	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 42	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

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

Liver		Vacuolization Cytoplasmic	Minimal
Lung	Alveolar Epith	Hyperplasia	Moderate
Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 2-10 ]			
Testes	Interstit Cell	Hyperplasia	Mild
Tooth		Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 675

DOSE: CONTROL MALE

DISP: Gavage Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Epididymis  
Intestine Large - Colon  
Islets, Pancreatic  
Nose  
Preputial Gland  
Skeletal Muscle  
Testes  
Trachea

Adrenal Gland - Medulla  
Gallbladder  
Intestine Large - Rectum  
Kidney  
Pancreas  
Prostate  
Spleen  
Thymus  
Urinary Bladder

Bone  
Harderian Gland  
Intestine Small - Duodenum  
Lymph Node - Mandibular  
Parathyroid Gland  
Salivary Glands  
Stomach - Forestomach  
Thyroid Gland

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mesenteric  
Pituitary Gland  
Seminal Vesicle  
Stomach - Glandular  
Tooth

MISSING

Intestine Small - Ileum

Mammary Gland

OBSERVATIONS

Brain  
Esophagus  
Heart  
Liver

Thalamus  
Periesoph Tiss

Mineralization  
Inflammation  
Inflammation  
Hepatocellular Adenoma  
Hepatocellular Carcinoma

Minimal  
Acute, Mild  
Acute, Minimal

[ Hepatocellular Adenoma TGLS = 3-3 ]

Lung

Mediastinum  
Mediastinum

Foreign Body  
Inflammation

Moderate  
Acute, Moderate

Note: FOREIGN BODY TGLs = 4-5

Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT

Skin

Pigmentation

Moderate

Note: PIGMENT TGLs = 2-10

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 44	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Intestine Small - Duodenum	Mammary Gland
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Harderian Gland		Adenoma	
Kidney		Hemangiosarcoma	
Liver		Basophilic Focus	Moderate
Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Minimal
Note: ALV BRON CARC	TGLs = 1-5		
Tooth		Dysplasia	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 45

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small - Duodenum	Lymph Node - Mesenteric	Mammary Gland	Pituitary Gland
Thymus			

**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Minimal
Liver		Vacuolization Cytoplasmic	Minimal
Lung	Alveolus	Alveolar/Bronchiolar Adenoma	Histiocyte, Minimal
Note: ALV BRON ADEN TGLs = 2-5			
Pancreas	Acinus	Atrophy	Minimal
Note: ATROPHIC PANCREAS IS ON SLIDE NO.8			
Skeletal Muscle		Inflammation	Chronic, Mild
Testes	Interstit Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 46	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 674
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Moribund	<b>HISTO:</b>

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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	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

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**MISSING**

Mammary Gland	Parathyroid Gland
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Hyperplasia	Mild
Kidney		Metaplasia	Osseous, Mild
Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3,4-3+9 ]			
Lung	Mediastinum	Foreign Body	Mild
	Alveolar Epith	Hyperplasia	Mild
	Mediastinum	Inflammation	Acute, Mild
Note: PROBABLE CAUSE OF MORIBUNDITY-GAVAGE ACCIDENT			
Preputial Gland		Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 5-10			
Spleen		Hyperplasia	Lymphoid, Minimal
[ Hyperplasia TGLS = 1-3 ]			
Tooth		Dysplasia	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>ANIMAL ID:</b> 47	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL MALE	<b>SEX:</b> Male <b>DISP:</b> Moribund	<b>DAY ON TEST:</b> 694 <b>HISTO:</b>
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**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	Mammary Gland
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Gallbladder	Intestine Small - Duodenum	Islets, Pancreatic	Pancreas
Pituitary Gland			

**OBSERVATIONS**

Adrenal Gland	Cortex	Lymphoma Malignant Undifferentiated Cell Type	
Harderian Gland		Adenoma	
		Inflammation	Chronic, Moderate
Note: ADENOMA ON SLIDE 7.			
Intestine Large	Cecum	Lymphoma Malignant Undifferentiated Cell Type	
Intestine Small	Jejunum	Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
Liver		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Undifferentiated Cell Type	
[ Hematopoietic Cell Proliferation TGLS = 6-3 ]			
Lung		Inflammation	Chronic, Mild
Lymph Node	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 2,4-2+6			
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 3-3			
Note: PROBABLE CAUSE OF MORIBUNDITY-LYMPHOMA MAL UNDF			
Testes	Interstit Cell	Adenoma	
Thymus		Lymphoma Malignant Undifferentiated Cell Type	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 47

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 694

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:**

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 48	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 23
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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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	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Liver
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Tooth	Trachea		

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**MISSING**

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

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

Kidney	Pelvis	Inflammation	Acute, Moderate
Note: PROBABLE CAUSE OF DEATH-KIDNEY INFLAM-PYELONEPHRITIS [ Inflammation TGLS = 1-3 ]			
Lung		Congestion	Moderate
Urinary Bladder		Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 5-4			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 49	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 632
	<b>DOSE:</b> CONTROL MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Pituitary Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Adrenal Gland - Medulla	Esophagus	Gallbladder	Mammary Gland
Parathyroid Gland	Thymus		

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**AUTO PRECLUDES DIAG.**

Intestine Small - Ileum	Intestine Small - Jejunum
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**OBSERVATIONS**

Bone Marrow	Hemangiosarcoma	Metastatic (Uncertain Primary Site)
	Hemangiosarcoma	Metastatic (Spleen)
Liver	Hemangiosarcoma	Metastatic (Uncertain Primary Site)
	Hemangiosarcoma	Metastatic (Spleen)
	Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 4,5-3+9		
Note: [ HEMANGIOSARC ] TGLs = 6-3		
Salivary Glands	Inflammation	Chronic, Minimal
Spleen	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1,2-3+10		
Note: PROBABLE CAUSE OF DEATH-HEMANGIOSARCOMA		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Duodenum	Mammary Gland	Thymus
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OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-3			
Lung	Alveolar Epith	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 3-5			
Preputial Gland		Inflammation	Chronic, Marked
[ Inflammation TGLS = 1-9 ]			
Salivary Glands		Inflammation	Chronic, Minimal
Tooth		Dysplasia	Mild
Urin Bladder			
Note: NONE			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 61	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Lung	Skin	Stomach - Forestomach
Stomach - Glandular			

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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hemangiosarcoma	
Note: [ HEMANGIOSARC ] TGLs = 2-3			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-9			
Pancreas	Acinus	Atrophy	Mild
		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 1-11 ]			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>ANIMAL ID:</b> 62	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 623
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

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

Intestine Small - Duodenum	Intestine Small - Jejunum
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney		Infarct	Minimal
	Renal Tubule	Karyomegaly	Minimal
[ Infarct TGLS = 2-3 ]			
Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		Necrosis	Coagulative, Moderate
Note: PROBABLE CAUSE OF DEATH-HEMORRHAGE FROM HEMANGIOSARCOMA			
Note: HEPATOCLR ADEN TGLs = 4-9			
Note: NECROSIS TGLs = 3-3			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland		Ultimobranchial Cyst	Moderate

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 63

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 175MG/KGLOW MALE

**DISP:** Terminal Sacrifice

**HISTO:**

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland

Kidney

Liver

Lung

Stomach - Forestomach

Stomach - Glandular

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 64	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney	Liver	Stomach - Forestomach	Stomach - Glandular
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**OBSERVATIONS**

Harderian Gland		Hyperplasia	Minimal
Lung	Alveolus	Alveolar/Bronchiolar Adenoma Infiltration Cellular	Histiocyte, Moderate

[ Alveolar/Bronchiolar Adenoma TGLS = 1-5 ]

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 65	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Stomach - Forestomach	Stomach - Glandular
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Minimal
Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	
		Necrosis	Coagulative, Minimal
Note: HEPATOCLR CARC	TGLs = 2-3		
Lung		Alveolar/Bronchiolar Adenoma	
Skin	Subcut Tiss	Hemangiosarcoma	
Note: [ HEMANGIOSARC ]	TGLs = 1-9		

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 66

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 297

**DOSE:** 175MG/KGLOW MALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Epididymis  
Heart  
Intestine Small - Ileum  
Liver  
Nose  
Preputial Gland  
Skeletal Muscle  
Stomach - Glandular  
Trachea

Adrenal Gland - Medulla  
Eye  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lung  
Pancreas  
Prostate  
Skin  
Testes  
Urinary Bladder

Bone  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mandibular  
Parathyroid Gland  
Salivary Glands  
Spleen  
Thyroid Gland

Bone Marrow  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Lymph Node - Mesenteric  
Pituitary Gland  
Seminal Vesicle  
Stomach - Forestomach  
Tooth

**MISSING**

Intestine Small - Duodenum

Mammary Gland

Thymus

**OBSERVATIONS**

Brain  
Esophagus

Thalamus  
Periesoph Tiss  
Periesoph Tiss

Mineralization  
Foreign Body  
Inflammation

Minimal  
Mild  
Acute, Moderate

Note: PROBABLE CAUSE OF MORIBUNDITY-GAVAGE ACCIDENT

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 67	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 694
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Moribund	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone Marrow	Brain	Epididymis	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Spinal Cord	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Gallbladder	Intestine Small - Duodenum	Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex, Spindle Cell	Hyperplasia	Mild
	Medulla	Hyperplasia	Moderate
Bone	Tibia	Hyperostosis	
[ Hyperostosis TGLS = 4-7 ]			
Liver		Hepatocellular Adenoma	
Note: [ HEPATOCLR ADEN ] TGLs = 3-3			
Preputial Gland		Carcinoma	
Note: [ CARCINOMA ] TGLs = 2-9			
Skin	Subcut Tiss	Fibrosarcoma	
Note: PROBABLE CAUSE OF MORIBUNDITY-FIBROSARCOMA			
[ Fibrosarcoma TGLS = 1-10 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 68	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Liver	Lung	Stomach - Forestomach	Stomach - Glandular
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**OBSERVATIONS**

Harderian Gland		Adenoma	
Kidney		Nephropathy	Minimal
Skin		Inflammation	Chronic, Mild
[ Inflammation TGLS = 1-4 ]			

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**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 69	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney	Lung	Mammary Gland	Skin
Stomach - Forestomach			

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**MISSING**

Stomach - Glandular

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**OBSERVATIONS**

Harderian Gland	Adenoma		
Liver	Hepatocellular Adenoma		Multiple
[ Hepatocellular Adenoma TGLS = 2,3-3+9 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 70	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Stomach - Glandular
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
		Metaplasia	Osseous, Minimal
Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 1-3 ]			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild
Stomach	Forestomach	Infiltration Cellular	Mast Cell, Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 71

TRT#: 2

SEX: Male

DAY ON TEST: 653

DOSE: 175MG/KGLOW MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tooth	Trachea	Urinary Bladder

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Gallbladder	Mammary Gland
Parathyroid Gland	Thymus		

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Heart	Atrium	Thrombosis	Moderate
Kidney		Nephropathy	Mild
Liver		Hepatocellular Carcinoma	

Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA

[ Hepatocellular Carcinoma TGLS = 2-3 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 72

TRT#: 2

SEX: Male

DAY ON TEST: 638

DOSE: 175MG/KGLOW MALE

DISP: Moribund

HISTO:

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

MISSING

Gallbladder	Intestine Small - Duodenum	Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Harderian Gland		Adenoma	
Heart		Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Necrosis	Coagulative, Moderate
Note: PROBABLE CAUSE OF MORIBUNDITY-HEMANGIOSARC/HEMORRHAGE			
Note: [ HEMANGIOSARC ] TGLs = 5-9			
Note: NECROSIS TGLs = 4,6-3+9			
Pancreas	Acinus	Atrophy	Minimal
Note: ATROPHIC PANCREAS IS ON SLIDE 8			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 74

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 663

**DOSE:** 175MG/KGLOW MALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small - Duodenum	Mammary Gland
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Liver		Hepatocellular Carcinoma	
Note: PROBABLE CAUSE OF MORIBUNDITY-HEPATOCELLULAR CARCINOMA [ Hepatocellular Carcinoma TGLS = 2-9 ]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 4-5			
Skin	Subcut Tiss	Abscess	Moderate
[ Abscess TGLS = 1-10 ]			
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 75	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Lung	Stomach - Forestomach	Stomach - Glandular
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	Moderate

Note: [ HEPATOCLR CARC ] TGLs = 2-9

Note: [ HEPATOCLR ADEN ] TGLs = 1-3

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 76	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Kidney	Lung	Skin
Stomach - Glandular			

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,2-3+9 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-10 ]			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Inflammation	Acute, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 77	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Lung	Skin	Stomach - Forestomach
Stomach - Glandular			

---

**OBSERVATIONS**

Intestine Small [ Adenocarcinoma TGLS = 3-10 ]	Jejunum	Adenocarcinoma	
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver Note: [ HEPATOCLR ADEN ] TGLs = 2-9		Hepatocellular Adenoma	

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 78	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Kidney	Stomach - Forestomach	Stomach - Glandular
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**OBSERVATIONS**

Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN	TGLs = 2,3,4-3+9+10		
Lung		Alveolar/Bronchiolar Adenoma	
Skin		Acanthosis	Mild
		Inflammation	Acute, Minimal

[ Acanthosis TGLS = 1-11 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 79

TRT#: 2

SEX: Male

DAY ON TEST: 626

DOSE: 175MG/KGLOW MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Pancreas  
Salivary Glands  
Spleen  
Thymus  
Urinary Bladder

Adrenal Gland - Medulla  
Epididymis  
Heart  
Intestine Small - Ileum  
Liver  
Parathyroid Gland  
Seminal Vesicle  
Stomach - Forestomach  
Thyroid Gland

Bone  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Pituitary Gland  
Skeletal Muscle  
Stomach - Glandular  
Tooth

Bone Marrow  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Nose  
Prostate  
Skin  
Testes  
Trachea

MISSING

Intestine Small - Duodenum

Lymph Node - Mesenteric

Mammary Gland

OBSERVATIONS

Lung

Alveolus

Alveolar/Bronchiolar Carcinoma  
Infiltration Cellular

Histiocyte, Mild

Note: [ ALV BRON CARC ] TGLs = 1-9

Note: PROBABLE CAUSE OF MORIBUNDITY-ALVEOLARBRONCHIAL CARC

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 80	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 663
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Moribund	<b>HISTO:</b>

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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
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

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**MISSING**

Intestine Small - Duodenum	Mammary Gland	Pituitary Gland	Prostate
Thymus			

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**OBSERVATIONS**

Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4-9 ]			
Skin	Subcut Tiss	Fibrosarcoma	
Note: PROBABLE CAUSE OF MORIBUNDITY-FIBROSARCOMA			
[ Fibrosarcoma TGLS = 1-10 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 81	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Skin	Stomach - Forestomach
Stomach - Glandular			

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**MISSING**

Intestine Small - Duodenum

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**OBSERVATIONS**

Intestine Large	Colon	Inflammation	Acute, Mild
Kidney		Metaplasia	Osseous, Minimal
Liver		Basophilic Focus	Mild
		Mixed Cell Focus	Moderate

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Note: [ MIXED CL FOCUS ] TGLs = 3-3+9

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PRIMARY CAUSE OF DEATH

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**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 82	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 389
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Gavage Death	<b>HISTO:</b>

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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	Eye	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

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**MISSING**

Mammary Gland

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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Small - Duodenum
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**OBSERVATIONS**

Esophagus	Periesoph Tiss	Foreign Body	Mild
	Periesoph Tiss	Inflammation	Granulomatous, Mild
Note: FOREIGN BODY TGLs = 5-2			
Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT			
Liver		Hematopoietic Cell Proliferation	Minimal
Lymph Node	Mediastinal	Inflammation	Acute, Moderate
Nose		Foreign Body	Mild
Skin	Subcut Tiss	Abscess	Marked
[ Abscess TGLS = 1-9 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 83	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Stomach - Glandular
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 3-3 ]			
Lung		Alveolar/Bronchiolar Adenoma	
Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 2-9 ]			
Stomach	Forestomach	Hyperplasia	Squamous, Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 84	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 620
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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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	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

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**MISSING**

Intestine Small - Duodenum	Mammary Gland	Prostate
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 5-9			
Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA			
Salivary Glands		Inflammation	Chronic, Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 85	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Lung	Stomach - Glandular
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**OBSERVATIONS**

Harderian Gland		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-3 ]			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-9			
Stomach	Forestomach	Inflammation	Acute, Moderate
	Forestomach	Squamous Cell Papilloma	

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 86	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Stomach - Forestomach	Stomach - Glandular
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Minimal
[ Clear Cell Focus TGLS = 2,3-3+9 ]			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: ALV BRON ADEN TGLs = 4-5			
Spleen		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 1-3 ]			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 87

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 572

**DOSE:** 175MG/KGLOW MALE

**DISP:** Dosing Accident

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland	Thymus
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Esophagus	Periesoph Tiss	Inflammation	Chronic, Moderate
Intestine Small	Duodenum	Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 3-3 ]			
Liver		Basophilic Focus	Mild
[ Basophilic Focus TGLS = 4-9 ]		Hepatocellular Carcinoma	
Lung	Mediastinum	Foreign Body	Mild
	Mediastinum	Inflammation	Acute, Moderate
Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT			
Testes	Seminif Tub	Atrophy	Moderate
[ Atrophy TGLS = 1-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>ANIMAL ID:</b> 88	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 532
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Eye	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Kidney
Nose	Pancreas	Pituitary Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Testes	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

**MISSING**

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

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Glandular
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**OBSERVATIONS**

Brain		Lymphoma Malignant Mixed	
	Thalamus	Mineralization	Minimal
Epididymis		Lymphoma Malignant Mixed	
Harderian Gland		Lymphoma Malignant Mixed	
Liver		Hepatocellular Carcinoma	
Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA [ Hepatocellular Carcinoma TGLS = 1-3 ]			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Inguinal	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-2			
Salivary Glands		Lymphoma Malignant Mixed	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 89

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW MALE

**DISP:** Terminal Sacrifice

**HISTO:**

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland

Lung

Stomach - Forestomach

Stomach - Glandular

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**OBSERVATIONS**

Kidney

Renal Tubule

Karyomegaly

Minimal

Liver

Hepatocellular Adenoma

[ Hepatocellular Adenoma TGLS = 1-9 ]

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 90	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Liver	Stomach - Forestomach	Stomach - Glandular
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Lung	Alveolus	Alveolar/Bronchiolar Adenoma Infiltration Cellular	Histiocyte, Minimal

[ Alveolar/Bronchiolar Adenoma TGLS = 1-5 ]

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>ANIMAL ID:</b> 91	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 664
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Esophagus	Gallbladder	Intestine Small - Ileum	Mammary Gland
Parathyroid Gland	Thyroid Gland	Trachea	

**OBSERVATIONS**

Harderian Gland	Adenoma	
Kidney	Infarct	Mild
Liver	Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-9		
Lung	Alveolar/Bronchiolar Adenoma	Multiple
	Foreign Body	Mild
	Hyperplasia	Mild
	Infiltration Cellular	Histiocyte, Moderate
	Inflammation	Acute, Moderate
Note: INFILTRAT CELL TGLs = 6-2+5		
Note: ALVEOLARBRONCHIOLAR ADENOMAS ON SLIDE 2		
Lymph Node	Mesenteric	Lymphoma Malignant Mixed
[ Lymphoma Malignant Mixed TGLS = 1-12 ]		
Spleen		Lymphoma Malignant Mixed
Note: PROBABLE CAUSE OF DEATH-LYMPHOMA MAL MIXED		
Tooth	Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 92

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 712

**DOSE:** 175MG/KGLOW MALE

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Epididymis	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 - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

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

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
Brain	Thalamus	Mineralization	Minimal
Esophagus	Periesoph Tiss	Inflammation	Chronic, Moderate
Note: LESION IS ON SLIDE 5			
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 4,5-10+11			
Lung		Hemorrhage	Mild
Skin		Hemangiosarcoma	Metastatic (Spleen)
[ Hemangiosarcoma TGLS = 1-9 ]			
Spleen		Hemangiosarcoma	Multiple
Note: PROBABLE CAUSE OF DEATH-HEMANGIOSARCOMA			
Note: HEMANGIOSARC TGLs = 2-3			
Tooth		Dysplasia	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 93	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 289
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Gavage Death	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Urinary Bladder		

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**MISSING**

Epididymis	Intestine Small - Duodenum	Parathyroid Gland	Testes
Thyroid Gland			

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**AUTO PRECLUDES DIAG.**

Gallbladder

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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Esophagus	Periesoph Tiss	Foreign Body	Minimal
	Periesoph Tiss	Inflammation	Acute, Mild
Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT			
Eye	Lens	Cataract	Mild
Liver		Vacuolization Cytoplasmic	Minimal
Lung		Congestion	Mild
	Pleura	Inflammation	Acute, Minimal
[ Congestion TGLS = 1-5 ]			
Thymus	Thymocyte	Necrosis	Mild

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 94	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Liver	Lung	Stomach - Forestomach
Stomach - Glandular			

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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 2-9			
Spleen		Hemangioma	
[ Hemangioma TGLS = 1-3 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** tris(2-Chloroethyl) phosphate

**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 20:32:21

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

**Lab:** MBA

---

**ANIMAL ID:** 95

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW MALE

**DISP:** Terminal Sacrifice

**HISTO:**

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland

Liver

Lung

Seminal Vesicle

Skin

Stomach - Forestomach

Stomach - Glandular

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**OBSERVATIONS**

Kidney

Renal Tubule

Karyomegaly

Minimal

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 96	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 673
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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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	Harderian Gland	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Mammary Gland
Pituitary Gland			

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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Note: PROBABLE CAUSE OF DEATH-UNDETERMINED			
Seminal Vesicle		Concretion	Moderate
Note: CONCRETION TGLs = 5-9			
Tooth		Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 97

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 626

**DOSE:** 175MG/KGLOW MALE

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small - Duodenum	Parathyroid Gland
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Lung		Inflammation	Acute, Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Note: PROBABLE CAUSE OF DEATH-FIBROSARCOMA [ Fibrosarcoma TGLS = 1-9 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 98	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Kidney	Liver	Lung
Stomach - Forestomach	Stomach - Glandular		

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PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 99	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 669
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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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 - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Gallbladder	Intestine Small - Duodenum	Parathyroid Gland	Thymus
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Adenoma	
Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	
Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR ADENOMA [ Hepatocellular Adenoma TGLS = 2-9 ]			
Pancreas	Acinus	Atrophy	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 100	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Kidney	Lung	Stomach - Glandular
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**OBSERVATIONS**

Liver		Hepatocellular Carcinoma	
[ Hepatocellular Carcinoma TGLS = 2-9 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-6 ]			
Stomach	Forestomach	Hyperplasia	Squamous, Moderate

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 101

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 3

**DOSE:** 175MG/KGLOW MALE

**DISP:** Gavage Death

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Esophagus	Periesoph Tiss	Inflammation	Acute, Moderate
Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT			
Lung	Pleura	Inflammation	Acute, Minimal
Skin	Subcut Tiss	Foreign Body	Minimal
Note: FOREIGN BODY TGLs = 1-10			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 102	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 688
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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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	Eye
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tooth	Trachea	

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**MISSING**

Mammary Gland	Pituitary Gland
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**INSUFFICIENT TISSUE**

Urinary Bladder

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**OBSERVATIONS**

Ear	Inflammation	Acute, Moderate
Note: INFLAMMATION TGLs = 4-10		
Heart	Hepatocellular Carcinoma	Metastatic (Liver)
Kidney	Hepatocellular Carcinoma	Metastatic (Liver)
	Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
Liver	Hepatocellular Carcinoma	
Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA [ Hepatocellular Carcinoma TGLS = 2-9 ]		
Lung	Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 3-5		

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 103	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Lung	Stomach - Forestomach	Stomach - Glandular
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 1,2-3+9 ]			

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**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 104

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW MALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Harderian Gland

Liver

Stomach - Forestomach

Stomach - Glandular

**OBSERVATIONS**

Kidney

Renal Tubule

Karyomegaly

Minimal

Lung

Alveolar/Bronchiolar Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 105

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 718

**DOSE:** 175MG/KGLOW MALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Gallbladder

**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	
		Necrosis	Coagulative, Mild
Note: NECROSIS TGLs = 3-3 Note: PROBABLE CAUSE OF MORIBUNDITY-HEPATOCELLULAR ADENOMA Note: HEPATOCLR ADEN TGLs = 2-9			
Thymus	Thymocyte	Necrosis	Mild
Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:21

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 106

TRT#: 2

SEX: Male

DAY ON TEST: 655

DOSE: 175MG/KGLOW MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Pancreas  
Salivary Glands  
Stomach - Forestomach  
Trachea

Adrenal Gland - Medulla  
Epididymis  
Heart  
Intestine Small - Duodenum  
Liver  
Parathyroid Gland  
Seminal Vesicle  
Stomach - Glandular  
Urinary Bladder

Bone  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mandibular  
Pituitary Gland  
Skeletal Muscle  
Testes

Bone Marrow  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Nose  
Prostate  
Spleen  
Thyroid Gland

MISSING

Lymph Node - Mesenteric

Mammary Gland

Skin

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Lung Alveolar/Bronchiolar Adenoma  
Note: PROBABLE CAUSE OF DEATH-UNDETERMINED  
Thymus Thymocyte Necrosis  
Tooth Dysplasia

Minimal  
Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 107

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 649

**DOSE:** 175MG/KGLOW MALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small - Duodenum	Mammary Gland	Stomach - Glandular
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**OBSERVATIONS**

Kidney		Metaplasia	Osseous, Minimal
Lung		Fibrosarcoma	Metastatic (Skin)
Skin	Subcut Tiss	Fibrosarcoma	
Note: PROBABLE CAUSE OF MORIBUNDITY-FIBROSARCOMA [ Fibrosarcoma TGLS = 1-9 ]			
Spleen		Hematopoietic Cell Proliferation	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 108

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW MALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Liver

Stomach - Forestomach

Stomach - Glandular

**OBSERVATIONS**

Harderian Gland

Hyperplasia

Mild

Lung

Alveolar Epith

Hyperplasia

Mild

Inflammation

Chronic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 109	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 679
	<b>DOSE:</b> 175MG/KGLOW MALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Epididymis	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Intestine Small - Duodenum	Lymph Node - Mandibular
Mammary Gland			

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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Moderate
Kidney		Amyloid Deposition	Moderate
		Metaplasia	Osseous, Minimal
Note: PROBABLE CAUSE OF DEATH-AMYLOIDOSIS			
Liver		Amyloid Deposition	Marked
Lymph Node	Mesenteric	Inflammation	Chronic, Moderate
[ Inflammation TGLS = 3-9 ]			
Skin		Inflammation	Acute, Moderate
[ Inflammation TGLS = 2-10 ]			
Spleen		Amyloid Deposition	Minimal
Stomach	Glandular, Mucosa	Dilatation	Moderate
Tooth		Dysplasia	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 110

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW MALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney

Stomach - Forestomach

Stomach - Glandular

**OBSERVATIONS**

Harderian Gland

Adenoma

Liver

Eosinophilic Focus

Mild

Hyperplasia

Lymphoid, Chronic, Marked

Note: [ HYPERPLASIA ] TGLs = 2-3

Lung

Alveolar/Bronchiolar Adenoma

[ Alveolar/Bronchiolar Adenoma TGLS = 1-5 ]

Spleen

Hyperplasia

Lymphoid, Mild

Note: HYPERPLASIA TGLs = 3-9

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 121	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 604
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

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**MISSING**

Epididymis	Gallbladder	Mammary Gland	Thymus
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**AUTO PRECLUDES DIAG.**

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

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Lung	Alveolar Epith	Alveolar/Bronchiolar Carcinoma	
	Alveolus	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Moderate

Note: APPARENT CAUSE OF DEATH-ALVEOLBRONCHIAL CARCINOMA

Note: ALV BRON CARC TGLs = 2-9

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 122

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

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

Harderian Gland		Adenoma	Mild
Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Mild
Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Coagulative, Marked
Note: NECROSIS TGLs = 1,2-3+9 [ Necrosis TGLS = 3,5-3+10 ]			
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 123	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 588
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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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	Harderian Gland	Heart
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Gallbladder	Thymus
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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		

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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-3			
Note: APPARENT CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA			
Lung		Congestion	Mild
		Foreign Body	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 124	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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	Gallbladder	Harderian Gland
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
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-9 ]			
Salivary Glands		Inflammation	Chronic, Mild
Tooth		Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

<b>ANIMAL ID:</b> 125	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 666
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Moribund	<b>HISTO:</b>

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mesenteric	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Testes	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

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

Bone Marrow		Mast Cell Tumor Malignant	Metastatic (Skin)
Eye		Mast Cell Tumor Malignant	Metastatic (Skin)
Note: MAST CL TM MAL TGLs = 1-11			
Islets, Pancreatic		Mast Cell Tumor Malignant	Metastatic (Skin)
Kidney		Mast Cell Tumor Malignant	Metastatic (Skin)
Liver		Hepatocellular Adenoma	Multiple
Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Mast Cell Tumor Malignant	Metastatic (Skin)
Lymph Node	Mandibular	Mast Cell Tumor Malignant	Metastatic (Skin)
Skin		Mast Cell Tumor Malignant	
Note: MAST CL TM MAL TGLs = 4-4+10			
Note: APPARENT CAUSE OF MORIBUNDITY-MAL MAST CELL TUMOR			
Spleen		Mast Cell Tumor Malignant	Metastatic (Skin)
Note: MAST CL TM MAL TGLs = 3-3			
Stomach	Forestomach, Glandular	Mast Cell Tumor Malignant	Metastatic (Skin)
Thymus		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 4-9 ]			
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 126

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 673

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Gallbladder	Intestine Small - Duodenum	Lymph Node - Mandibular	Mammary Gland
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Hyperplasia	Minimal
Heart	Atrium	Thrombosis	Mild
Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Marked
Note: [ NEPHROPATHY ] TGLs = 2-3			
Note: PROBABLE CAUSE OF MORIBUNDITY-NEPHROPATHY			
Lung		Inflammation	Chronic, Minimal
Nose	Nasolacrim Dct	Inflammation	Subacute, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 127

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pituitary Gland
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

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

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Mild
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Minimal
		[ Vacuolization Cytoplasmic TGLS = 1-9 ]	
Pancreas	Acinus	Atrophy	Minimal
Salivary Glands		Inflammation	Chronic, Minimal
Thymus		Cyst	Minimal
Tooth		Inflammation	Acute, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 128	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

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

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Clear Cell Focus	Moderate
		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 1-9 ]		
Salivary Glands		Inflammation	Chronic, Minimal
Tooth		Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 129	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

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**MISSING**

Mammary Gland	Spleen
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**OBSERVATIONS**

Kidney	Glomerulus	Dilatation	Minimal
	Renal Tubule	Karyomegaly	Minimal
Liver		Clear Cell Focus	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 2-9 ]		
	[ Hepatocellular Carcinoma TGLS = 1-9 ]		
Preputial Gland		Inflammation	Chronic, Moderate
Salivary Glands		Inflammation	Chronic, Minimal
Tooth		Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 130	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

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

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**MISSING**

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

Kidney	Renal Tubule	Karyomegaly	Mild
		Nephropathy	Mild
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[ Hepatocellular Carcinoma TGLS = 1-9 ]		
Lung		Alveolar/Bronchiolar Adenoma	
Stomach	Glandular	Inflammation	Acute, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 131

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 627

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Large - Rectum	Intestine Small - Duodenum	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Thymus		

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Mild
Liver		Angiectasis	Mild
Skin	Subcut Tiss	Fibrosarcoma	Multiple
		Inflammation	Mild

Note: PROBABLE CAUSE OF MORIBUNDITY-FIBROSARCOMA  
[ Fibrosarcoma TGLS = 1,3-10+11 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 132

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Intestine Small - Duodenum	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Thymus			

**OBSERVATIONS**

Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 2-9+11		
Kidney	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Skin		Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 1-10		
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:21  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 133	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

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**MISSING**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Gallbladder	Intestine Small - Duodenum
Mammary Gland	Parathyroid Gland	Prostate	

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**OBSERVATIONS**

Heart	Atrium	Thrombosis	Moderate
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 3,4,5-3+9 ]			
Pancreas	Acinus	Atrophy	Minimal
Skin		Inflammation	Acute, Minimal
[ Inflammation TGLS = 2-11 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 134	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

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**MISSING**

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

Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Karyomegaly	Minimal
Liver		Mixed Cell Focus	Moderate

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 135      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 666  
**DOSE:** 350MG/KGHIGHMALE      **DISP:** Moribund      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small - Duodenum	Parathyroid Gland	Thymus
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Moderate
Note: PROBABLE CAUSE OF MORIBUNDITY-NEPHROPATHY			
Note: NEPHROPATHY    TGLs = 3-3			
Liver		Eosinophilic Focus	Mild
		Hepatocellular Adenoma	Multiple
Spleen		Atrophy	Moderate
Note: ATROPHY    TGLs = 2-3			

**PRIMARY CAUSE OF DEATH**      -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 136

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

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

Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Clear Cell Focus	Minimal
		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	Multiple
Note: [ EOSIN FOCUS ] TGLs = 2-3+9			
Salivary Glands		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Abscess	Marked
	Subcut Tiss	Fibroma	Multiple
Note: FIBROMAS RESEMBLE FIROPAPILLOMAS			
Note: FIBROMA TGLs = 3-4+12			
[ Abscess TGLS = 1-11 ]			
Tooth		Dysplasia	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 137

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 571

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Gallbladder	Mammary Gland	Parathyroid Gland
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**INSUFFICIENT TISSUE**

Pituitary Gland

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 4-9 Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA Note: HEPATOCLR CARC TGLs = 3-3			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 5-5			
Tooth		Dysplasia	Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 138	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

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**MISSING**

Intestine Small - Duodenum	Mammary Gland	Thymus
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Clear Cell Focus	Moderate
		Hepatocellular Adenoma	Multiple
	[ Hepatocellular Adenoma TGLS = 1,2-3+9 ]		
Lung		Inflammation	Chronic, Minimal
Pancreas	Acinus	Atrophy	Minimal
Tooth		Dysplasia	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 139      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 511  
**DOSE:** 350MG/KGHIGHMALE      **DISP:** Dead      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Tooth	Trachea	Urinary Bladder	

**MISSING**

Mammary Gland

**AUTO PRECLUDES DIAG.**

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

Eye	Lens	Cataract	Mild
Kidney	Renal Tubule	Karyomegaly	Moderate
Liver		Hepatocellular Carcinoma	
Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA [ Hepatocellular Carcinoma TGLS = 2-3 ]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 3-5			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
Note: HYPERPLASIA TGLs = 4-6			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 140

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

**MISSING**

Intestine Small - Duodenum	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Harderian Gland		Hyperplasia	Moderate
Kidney	Renal Tubule	Karyomegaly	Mild
	Renal Tubule	Karyomegaly	Mild
Note: TGL 3-9: NO CORRESPONDING LESION			
Note: [ KARYOMEGALY ] TGLs = 3-9			
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-3			
Mesentery		Hemorrhage	Mild
[ Hemorrhage TGLS = 1-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 141	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Intestine Small - Duodenum

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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 142	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 134
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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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	Lymph Node - Mandibular	Nose	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Testes	Thyroid Gland
Tooth	Trachea		

---

**MISSING**

Harderian Gland	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
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	Islets, Pancreatic
Pancreas	Stomach - Forestomach	Stomach - Glandular	

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**OBSERVATIONS**

Kidney	Pelvis	Inflammation	Acute, Marked
Note: PROBABLE CAUSE OF DEATH-KIDNEY INFLAM-PYELONEPHRITIS [ Inflammation TGLS = 1-3 ]			
Lung		Leukocytosis	Marked
Urinary Bladder		Inflammation	Acute, Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 143

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 673

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Gavage Death

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Heart		Inflammation	Subacute, Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
		Metaplasia	Osseous, Mild
Liver		Hepatocellular Adenoma	Multiple
Note: [ HEPATOCLR ADEN ] TGLs = 4,5-3+10			
Lung	Mediastinum	Foreign Body	Moderate
	Mediastinum	Inflammation	Acute, Moderate
Note: PROBABLE CAUSE OF MORIBUNDITY-GAVAGE ACCIDENT			
Nose		Inflammation	Acute, Mild
Spleen		Atrophy	Mild
[ Atrophy TGLS = 2-3 ]			
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 144      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 730  
**DOSE:** 350MG/KGHIGHMALE      **DISP:** Terminal Sacrifice      **HISTO:**

**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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Stomach - Forestomach
Stomach - Glandular	Testes	Tooth	Urinary Bladder

**MISSING**

Intestine Small - Duodenum	Mammary Gland	Parathyroid Gland	Thymus
Thyroid Gland	Trachea		

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Hyperplasia	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Cytomegaly	Moderate
		Mitotic Alteration	Mild
Pancreas	Acinus	Vacuolization Cytoplasmic	Minimal
Skin		Acanthosis	Mild
		Inflammation	Chronic, Marked
[ Acanthosis TGLS = 2-10 ]			
[ Inflammation TGLS = 1-10 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-9 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 145      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 666  
**DOSE:** 350MG/KGHIGHMALE      **DISP:** Moribund      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Epididymis	Esophagus
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mammary Gland	Nose	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

**MISSING**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Gallbladder	Intestine Small - Duodenum
Lymph Node - Mesenteric	Parathyroid Gland	Thymus	

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Heart	Myocardium	Degeneration	Mild
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Angiectasis	Mild
		Fibrosarcoma	Metastatic (Skin)
[ Angiectasis TGLS = 3-3 ]			
Lung		Fibrosarcoma	Metastatic (Skin)
Note: FIBROSARC      TGLs = 4-5			
Mesentery		Fibrosarcoma	Metastatic (Skin)
Pancreas		Fibrosarcoma	Metastatic (Skin)
Skin	Subcut Tiss	Fibrosarcoma	
Note: APPARENT CAUSE OF MORIBUNDITY-FIBROSARCOMA			
[ Fibrosarcoma TGLS = 1-9 ]			

**PRIMARY CAUSE OF DEATH**      -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 146	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 293
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Gavage Death	<b>HISTO:</b>

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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
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

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**MISSING**

Harderian Gland	Intestine Large - Rectum	Mammary Gland
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**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum	Stomach - Glandular
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Vacuolization Cytoplasmic	Moderate
Lung		Foreign Body	Mild
		Hemorrhage	Mild
	Mediastinum	Inflammation	Acute, Mild

Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT

[ Inflammation TGLS = 1-5 ]

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 147

TRT#: 3

SEX: Male

DAY ON TEST: 683

DOSE: 350MG/KGHIGHMALE

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Atrophy	Mild
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Karyomegaly	Mild
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1,2-3+10			
Lung		Alveolar/Bronchiolar Adenoma	
	Mediastinum	Foreign Body	Minimal
	Mediastinum	Inflammation	Acute, Moderate
Note: APPARENT CAUSE OF DEATH-GAVAGE ACCIDENT			
Note: INFLAMMATION TGLs = 4-5			
Note: ALV BRON ADEN TGLs = 3-5			
Pancreas	Acinus	Atrophy	Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 148

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Epididymis	Gallbladder	Intestine Small - Duodenum	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex	Atrophy	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[ Hepatocellular Adenoma TGLS = 2,3-3+9 ]	
		[ Hepatocellular Carcinoma TGLS = 1-9 ]	
Lung		Alveolar/Bronchiolar Adenoma	
Tooth		Dysplasia	Moderate

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 149

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

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

**MISSING**

Gallbladder	Intestine Small - Duodenum	Mammary Gland	Parathyroid Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex	Atrophy	Minimal
Harderian Gland		Hyperplasia	Moderate
Intestine Small	Jejunum	Adenocarcinoma	
Note: ADENOCARC	TGLs = 3-10		
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[ Hepatocellular Adenoma TGLS = 2-9 ]		
	[ Hepatocellular Carcinoma TGLS = 1-3 ]		
Lung	Pleura	Inflammation	Granulomatous, Mild
Lymph Node	Mesenteric	Angiectasis	Moderate
Skeletal Muscle	Head	Inflammation	Acute, Moderate
Tooth		Dysplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 150      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 730  
**DOSE:** 350MG/KGHIGHMALE      **DISP:** Terminal Sacrifice      **HISTO:**

**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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Intestine Small - Duodenum	Lymph Node - Mandibular	Salivary Glands
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**OBSERVATIONS**

Adrenal Gland	Cortex	Atrophy	Minimal
Harderian Gland		Adenoma	
		Hyperplasia	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Eosinophilic Focus	Moderate
		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 1-9 ]			
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild

Note: ALV BRON ADEN TGLs = 2-5

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 151

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

**MISSING**

Intestine Small - Duodenum	Thymus
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**OBSERVATIONS**

Harderian Gland		Adenoma	Multiple
Kidney	Renal Tubule	Hyperplasia	Minimal
	Renal Tubule	Karyomegaly	Minimal
Liver		Eosinophilic Focus	Minimal
		Vacuolization Cytoplasmic	Mild
[ Eosinophilic Focus TGLS = 3-3+10 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-9 ]			
Skeletal Muscle	Head	Inflammation	Acute, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 152      **TRT#:** 3      **SEX:** Male      **DAY ON TEST:** 635  
**DOSE:** 350MG/KGHIGHMALE      **DISP:** Moribund      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Spleen	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Urinary Bladder		

**MISSING**

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Mammary Gland	Thymus

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 3-9			
Lung		Foreign Body	Minimal
	Alveolar Epith	Hyperplasia	Mild
Skin	Subcut Tiss	Fibrosarcoma	
Note: APPARENT CAUSE OF MORIBUNDITY-FIBROSARCOMA [ Fibrosarcoma TGLS = 1-9 ]			
Testes	Seminif Tub	Atrophy	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 153

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 469

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

**MISSING**

Intestine Small - Duodenum	Lymph Node - Mandibular
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Mild
Note: [ NEPHROPATHY ] TGLs = 2-3			
Liver		Hepatocellular Carcinoma Vacuolization Cytoplasmic	Minimal
Note: PROBABLE CAUSE OF MORIBUNDITY-HEPATOCELLULAR CARC/NECROTIC			
Note: MASS IS ENTIRELY NECROTIC-TRABECULAR PATTERN REMAINS			
[ Vacuolization Cytoplasmic TGLS = 4-9 ]			
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 154

TRT#: 3

SEX: Male

DAY ON TEST: 712

DOSE: 350MG/KGHIGHMALE

DISP: Gavage Death

HISTO:

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Epididymis  
Heart  
Intestine Small - Ileum  
Lymph Node - Mandibular  
Prostate  
Stomach - Forestomach  
Tooth

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Nose  
Seminal Vesicle  
Stomach - Glandular  
Trachea

Bone  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Parathyroid Gland  
Skeletal Muscle  
Testes  
Urinary Bladder

Bone Marrow  
Harderian Gland  
Intestine Large - Rectum  
Liver  
Pituitary Gland  
Skin  
Thyroid Gland

**MISSING**

Intestine Small - Duodenum

Mammary Gland

Thymus

**INSUFFICIENT TISSUE**

Lymph Node - Mesenteric

**OBSERVATIONS**

Brain  
Kidney

Thalamus  
Prox Con Tub  
Renal Tubule  
Mediastinum

Mineralization  
Dilatation  
Karyomegaly  
Inflammation

Minimal  
Mild  
Minimal  
Acute, Mild

Lung

Note: PROBABLE CAUSE OF MORIBUNDITY-GAVAGE ACCIDENT

Pancreas

Acinus

Atrophy

Moderate

Salivary Glands

Inflammation

Chronic, Minimal

Spleen

Hyperplasia

Lymphoid, Mild

Note: HYPERPLASIA TGLs = 2-3

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 155

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 634

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Adrenal Gland - Medulla	Intestine Small - Duodenum	Tooth
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**OBSERVATIONS**

Harderian Gland Note: ADENOMA TGLs = 5-9		Adenoma	
Intestine Small	Jejunum	Ulcer	Moderate
Kidney	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Moderate
Note: PROBABLE CAUSE OF DEATH-NEPHROPATHY Note: NEPHROPATHY TGLs = 3-3			
Liver [ Hepatocellular Carcinoma TGLS = 4-3 ]		Hepatocellular Carcinoma	
Preputial Gland [ Inflammation TGLS = 1-10 ]		Inflammation	Chronic, Moderate
Spleen [ Atrophy TGLS = 2-3 ]		Atrophy	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 156

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 717

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

**MISSING**

Adrenal Gland - Medulla	Parathyroid Gland	Thymus
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Heart		Inflammation	Subacute, Minimal
Kidney	Renal Tubule	Karyomegaly	Mild
Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 4-3+9 ]			
Lung	Mediastinum	Foreign Body	Minimal
	Mediastinum	Inflammation	Acute, Mild
Note: PROBABLE CAUSE OF MORIBUNDITY-GAVAGE ACCIDENT			
Lymph Node	Renal	Hyperplasia	Lymphoid, Mild
Note: ENLARGED RENAL L.N.PROBABLY MISTAKEN FOR ADRENAL GROSSLY			
[ Hyperplasia TGLS = 3-9 ]			
Thyroid Gland		Ultimobranchial Cyst	Minimal
Tooth		Dysplasia	Moderate
Note: EUSTACHIAN TUBE DILATED ADJACENT DYSPLASTIC TOOTH			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 157

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 706

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

**MISSING**

Adrenal Gland - Medulla	Gallbladder	Intestine Small - Duodenum	Intestine Small - Ileum
Mammary Gland	Thymus		

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Moderate
		Nephropathy	Minimal
Liver		Hepatocellular Carcinoma	Multiple
Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA			
Note: HEPATOCLR CARC TGLs = 1-9			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 2-5			
Salivary Glands		Inflammation	Chronic, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 158

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Adrenal Gland - Medulla

**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Mild
Liver		Eosinophilic Focus	Moderate
Note: EOSIN FOCUS TGLs = 3-3			
Stomach	Forestomach	Squamous Cell Papilloma	
Thyroid Gland	Follicular Cel	Adenoma	
[ Adenoma TGLS = 2-9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 159	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 60
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Dead	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tooth	Trachea	Urinary Bladder

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**MISSING**

Bone	Bone Marrow	Mammary Gland	Parathyroid Gland
Pituitary 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**

Thymus	Thymocyte	Necrosis	Moderate
Note: PROBABLE CAUSE OF DEATH-UNDETERMINED			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 160	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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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	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

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**MISSING**

Mammary Gland	Parathyroid Gland
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-9 ]			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
Tooth		Inflammation	Acute, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 161	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 117
	<b>DOSE:</b> 350MG/KGHIGHMALE	<b>DISP:</b> Dosing Accident	<b>HISTO:</b>

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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	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Mammary Gland	Thymus
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**AUTO PRECLUDES DIAG.**

Harderian Gland	Intestine Small - Ileum
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**OBSERVATIONS**

Esophagus	Periesoph Tiss	Foreign Body	Mild
	Periesoph Tiss	Inflammation	Acute, Moderate
Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT			
Harderian Gl			
Note: AUTO PRECLUDES DIAGNOSIS			
Lung		Congestion	Mild
Skin	Subcut Tiss	Abscess	Marked
[ Abscess TGLS = 1,2-2+9 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 162

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Spleen	Testes	Thymus	Tooth
Trachea	Urinary Bladder		

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4-3			
Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Mild
Note: ALV BRON ADEN TGLs = 6-5			
Pancreas	Acinus	Atrophy	Minimal
Salivary Glands		Inflammation	Chronic, Minimal
Skin		Inflammation	Chronic, Moderate
[ Inflammation TGLS = 2-9 ]			
Stomach	Forestomach	Hyperplasia	Squamous, Minimal
	Glandular	Inflammation	Acute, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 163

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland	Parathyroid Gland
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**OBSERVATIONS**

Adrenal Gland Note: [ PHEOCHROM MAL ] TGLs = 1-9	Medulla	Pheochromocytoma Malignant	
Brain	Thalamus	Mineralization	Minimal
Ear Note: HYPERPLASIA TGLs = 3-11 Note: HYPERPLASIA INVOLVES CARTILAGE	Pinna	Hyperplasia	Moderate
Kidney	Renal Tubule	Karyomegaly	Minimal
		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
Pancreas	Acinus	Atrophy	Mild
	Acinus	Hyperplasia	Moderate
Salivary Glands		Inflammation	Chronic, Mild
Thymus		Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 164

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small - Duodenum	Mammary Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Moderate
	Medulla	Pheochromocytoma Benign	
Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Eosinophilic Focus	Marked
Note: [ EOSIN FOCUS ] TGLs = 2-10			
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
Note: [ ALV BRON ADEN ] TGLs = 3-5	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: [ ALV BRON CARC ] TGLs = 3-9			
Pancreas	Acinus	Atrophy	Mild
	Acinus	Basophilic Focus	Mild
Salivary Glands		Inflammation	Chronic, Minimal
Skeletal Muscle		Inflammation	Chronic, Minimal
Skin		Hyperplasia	Basal Cell, Moderate
		Inflammation	Acute, Mild

Note: WITH PROMINANT EPITHELIAL COMPONENT SEEN IN A FEW  
Note: OTHER MICE IN THIS EXPERIMENT.

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 164

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: HYPERPLASTIC LESION RESEMBLES PRECURSOR TO FIBROMAS

[ Hyperplasia TGLS = 1-11 ]

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 165

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 719

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spleen	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

**MISSING**

Adrenal Gland - Medulla	Intestine Small - Duodenum	Prostate
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**OBSERVATIONS**

Intestine Small	Jejunum	Adenocarcinoma	
Note: PROBABLE CAUSE OF MORIBUNDITY-ADENOCARCINOMA			
Note: ADENOCARC TGLs = 6-10			
Liver		Adenocarcinoma	Metastatic (Intestine Small)
		Adenocarcinoma	Metastatic (Uncertain Primary Site)
		Basophilic Focus	Mild
		Necrosis	Coagulative, Minimal
Note: [ ADENOCARC ] TGLs = 5-3+9			
Mesentery		Adenocarcinoma	Metastatic (Intestine Small)
Skin		Inflammation	Chronic, Moderate
[ Inflammation TGLS = 1-11 ]			
Stomach	Glandular	Adenocarcinoma	Metastatic (Uncertain Primary Site)
	Glandular	Adenocarcinoma	Metastatic (Intestine Small)

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 166

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 599

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Tooth	Trachea	Urinary Bladder

**MISSING**

Intestine Small - Duodenum	Mammary Gland	Parathyroid Gland	Skin
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Intestine Large	Cecum	Inflammation	Acute, Minimal
Kidney	Renal Tubule	Pigmentation	Moderate
[ Pigmentation TGLS = 3-3 ]			
Liver		Hepatoblastoma	
		Hepatocellular Adenoma	
		Necrosis	Coagulative, Moderate
Note: [ HEPATOBLASTOMA ] TGLs = 5-10			
Note: PROBABLE CAUSE OF MORIBUNDITY-HEPATOBLASTOMA			
[ Necrosis TGLS = 4-3+9+10 ]			
Stomach			
Note: MAST CELLS OR ARGENTAFFIN CELLS-NO DIAGNOSIS			
Note: SMALL FOCUS OF ROUND CELLS IN SUBSEROA-POSSIBLY			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 167

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 350MG/KGHIGHMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Harderian Gland  
Intestine Large - Rectum  
Lymph Node - Mandibular  
Pituitary Gland  
Skeletal Muscle  
Stomach - Glandular  
Trachea

Adrenal Gland - Medulla  
Epididymis  
Heart  
Intestine Small - Ileum  
Lymph Node - Mesenteric  
Prostate  
Skin  
Testes  
Urinary Bladder

Bone  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Nose  
Salivary Glands  
Spleen  
Thymus

Bone Marrow  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Pancreas  
Seminal Vesicle  
Stomach - Forestomach  
Thyroid Gland

MISSING

Intestine Small - Duodenum

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Kidney  
Liver  
[ Hepatocellular Adenoma TGLS = 1-3+9 ]  
Lung  
Tooth

Renal Tubule

Karyomegaly  
Nephropathy  
Hepatocellular Adenoma  
Alveolar/Bronchiolar Adenoma  
Dysplasia

Minimal  
Mild  
Multiple  
Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 168

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 698

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Mammary Gland

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-10+11			
Note: PROBABLE CAUSE OF MORIBUNDITY-CARCINOMA OF HARDERIAN GL			
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4-9			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Nose		Carcinoma	Metastatic (Harderian Gland)
Salivary Glands		Inflammation	Chronic, Mild
Skin	Face	Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 169

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 730

**DOSE:** 350MG/KGHIGHMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Gallbladder	Intestine Small - Duodenum	Lymph Node - Mandibular	Mammary Gland
Thymus	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Kidney	Prox Con Tub	Dilatation	Mild
	Renal Tubule	Karyomegaly	Minimal
Liver		Clear Cell Focus	Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1,2-3+9			
Tooth		Dysplasia	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 170

TRT#: 3

SEX: Male

DAY ON TEST: 699

DOSE: 350MG/KGHIGHMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular	Prostate
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OBSERVATIONS

Intestine Small	Duodenum	Inflammation	Necrotizing, Moderate
Note: PROBABLE CAUSE OF MORIBUNDITY-NECROTIZING INFLAM DUODENUM			
Islets, Pancreatic		Adenoma	
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Necrosis	Coagulative, Minimal
		[ Hepatocellular Adenoma TGLS = 1,2-3+9+10 ]	
		[ Necrosis TGLS = 3-3+10 ]	
Spleen		Angiectasis	Moderate
Stomach	Glandular, Mucosa	Dilatation	Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 181	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL FEMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Intestine Small - Duodenum	Ovary
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Adenoma	
		Inflammation	Chronic, Marked
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-4 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 182	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL FEMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Intestine Small - Duodenum	Lymph Node - Mandibular	Ovary	Thymus
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**OBSERVATIONS**

Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-9			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-4			

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 183

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mandibular  
Salivary Glands  
Stomach - Forestomach  
Tooth

Adrenal Gland - Medulla  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Lymph Node - Mesenteric  
Skeletal Muscle  
Stomach - Glandular  
Trachea

Bone  
Heart  
Intestine Small - Ileum  
Liver  
Mammary Gland  
Skin  
Thymus  
Urinary Bladder

Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lung  
Pancreas  
Spleen  
Thyroid Gland

**MISSING**

Intestine Small - Duodenum

Parathyroid Gland

**OBSERVATIONS**

Bone Marrow  
Brain  
Nose  
Ovary  
[ Cyst TGLS = 2-9 ]  
Pituitary Gland  
Uterus  
[ Hyperplasia TGLS = 1-4 ]

Thalamus  
  
Pars Distalis  
Endometrium

Myelofibrosis  
Mineralization  
Inflammation  
Cyst  
  
Hypertrophy  
Hyperplasia

Mild  
Minimal  
Acute, Minimal  
Moderate  
  
Focal, Minimal  
Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 184	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL FEMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

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**MISSING**

Intestine Small - Duodenum

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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Gallbladder			
Note: 8			
Ovary		Cyst	Moderate
Note: CYST      TGLs = 2-4			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-4 ]			

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**PRIMARY CAUSE OF DEATH**      -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 185

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 718

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Heart  
Intestine Small - Ileum  
Lymph Node - Mandibular  
Pancreas  
Skeletal Muscle  
Stomach - Glandular  
Urinary Bladder

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mesenteric  
Parathyroid Gland  
Skin  
Thyroid Gland

Bone  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Mammary Gland  
Pituitary Gland  
Spleen  
Tooth

Bone Marrow  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Nose  
Salivary Glands  
Stomach - Forestomach  
Trachea

**MISSING**

Intestine Small - Duodenum

Ovary

**OBSERVATIONS**

Liver  
Note: HEPATOCLR CARC TGLs = 3-9  
Note: APPARENT CAUSE OF MORIBUND CONDITION  
Hepatocellular Carcinoma

Lung  
Mediastinum  
Foreign Body  
Hepatocellular Carcinoma  
Mild  
Metastatic (Liver)

Thymus  
Uterus  
Endometrium  
Cyst  
Hyperplasia  
Minimal  
Cystic, Mild

[ Hyperplasia TGLS = 2-4 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 186

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Intestine Small - Duodenum	Ovary
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**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Mild
Liver		Inflammation	Chronic, Minimal
Lymph Node	Iliac	Hyperplasia	Plasma Cell, Moderate
	Mandibular	Hyperplasia	Plasma Cell, Mild
Note: HYPERPLASIA TGLs = 3-10			
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Plasma Cell, Mild
Note: HYPERPLASIA TGLs = 2-9			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 187

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 700

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney	Glomerulus	Amyloid Deposition	Moderate
Note: APPARENT CAUSE OF MORIBUNDITY-GLOMERULAR AMYLOIDOSIS [ Amyloid Deposition TGLS = 3-3 ]			
Spleen		Atrophy	Minimal
[ Atrophy TGLS = 2-9 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 5-4			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 188

TRT#: 4

SEX: Female

DAY ON TEST: 302

DOSE: CONTROL FEMALE

DISP: Gavage Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Kidney  
Ovary  
Salivary Glands  
Stomach - Forestomach  
Tooth

Adrenal Gland - Medulla  
Eye  
Intestine Large - Rectum  
Liver  
Pancreas  
Skeletal Muscle  
Stomach - Glandular  
Trachea

Bone  
Harderian Gland  
Intestine Small - Jejunum  
Mammary Gland  
Parathyroid Gland  
Skin  
Thymus  
Urinary Bladder

Bone Marrow  
Intestine Large - Cecum  
Islets, Pancreatic  
Nose  
Pituitary Gland  
Spleen  
Thyroid Gland

MISSING

Lymph Node - Mandibular

Lymph Node - Mesenteric

AUTO PRECLUDES DIAG.

Gallbladder

Intestine Small - Duodenum

Intestine Small - Ileum

OBSERVATIONS

Esophagus  
Heart  
Note: INFLAMMATION TGLs = 2-2

Periesoph Tiss  
Epicardium

Inflammation  
Inflammation

Acute, Mild  
Acute, Moderate

Lung  
Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT  
[ Inflammation TGLS = 1-5 ]

Mediastinum  
Mediastinum  
Pleura

Foreign Body  
Inflammation  
Inflammation

Minimal  
Acute, Moderate  
Acute, Marked

Uterus

Endometrium

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 189

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 716

**DOSE:** CONTROL FEMALE

**DISP:** Dead

**HISTO:**

**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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea		

**MISSING**

Intestine Small - Duodenum

**AUTO PRECLUDES DIAG.**

Gallbladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
Brain		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 11-1		
Harderian Gland		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 7-3		
Liver		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 8-3		
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 2,9,10-6+9+10		
Nose		Lymphoma Malignant Lymphocytic	
Ovary		Lymphoma Malignant Lymphocytic	
Pancreas		Lymphoma Malignant Lymphocytic	
Skeletal Muscle		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: PROBABLE CAUSE OF DEATH-LYMPH MALIG LYMPHOMA			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** tris(2-Chloroethyl) phosphate

**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014

**Time Report Requested:** 20:32:22

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

**Lab:** MBA

---

**ANIMAL ID:** 189

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 716

**DOSE:** CONTROL FEMALE

**DISP:** Dead

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: LYMPH MAL LYMP TGLs = 3,4-3+11

Urinary Bladder

Uterus

Endometrium

Lymphoma Malignant Lymphocytic

Hyperplasia

Lymphoma Malignant Lymphocytic

Cystic, Mild

Note: HYPERPLASIA TGLs = 5,6-4

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 190

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Nose
Pancreas	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

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

Brain	Thalamus	Mineralization	Minimal
Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Mild
Note: [ NEPHROPATHY ] TGLs = 2-3			
Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 4-3			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Ovary		Cyst	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-4			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 191      **TRT#:** 4      **SEX:** Female      **DAY ON TEST:** 610  
**DOSE:** CONTROL FEMALE      **DISP:** Dead      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Kidney	Liver
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Thyroid Gland	Tooth	Trachea

**MISSING**

Islets, Pancreatic	Mammary Gland	Ovary	Pancreas
Stomach - Forestomach	Stomach - Glandular	Thymus	

**AUTO PRECLUDES DIAG.**

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

**OBSERVATIONS**

Brain		Lymphoma Malignant Lymphocytic	
	Thalamus	Mineralization	Minimal
Harderian Gland		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Note: PROBABLE CAUSE OF DEATH-LYMPH MAL LYMP			
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Mesentery		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 3-4			
Nose		Lymphoma Malignant Lymphocytic	
Skeletal Muscle		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLs = 2-4 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 192

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Esophagus  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mandibular  
Pancreas  
Skin  
Thymus  
Urinary Bladder

Adrenal Gland - Medulla  
Gallbladder  
Intestine Large - Rectum  
Kidney  
Lymph Node - Mesenteric  
Parathyroid Gland  
Spleen  
Thyroid Gland

Bone  
Heart  
Intestine Small - Ileum  
Liver  
Mammary Gland  
Pituitary Gland  
Stomach - Forestomach  
Tooth

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lung  
Nose  
Skeletal Muscle  
Stomach - Glandular  
Trachea

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Brain  
Harderian Gland  
Ovary  
Salivary Glands  
Uterus  
[ Hyperplasia TGLS = 3-4 ]

Thalamus  
  
  
  
Endometrium

Mineralization  
Hyperplasia  
Cyst  
Inflammation  
Hyperplasia

Minimal  
Mild  
Moderate  
Chronic, Minimal  
Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 193

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Heart  
Intestine Small - Ileum  
Lung  
Nose  
Skeletal Muscle  
Thymus

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Pancreas  
Skin  
Tooth

Bone  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Pituitary Gland  
Spleen  
Trachea

Bone Marrow  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Mesentery  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

MISSING

Intestine Small - Duodenum

Ovary

Parathyroid Gland

OBSERVATIONS

Liver  
Mammary Gland  
Stomach  
Thyroid Gland  
Uterus

Forestomach  
Follicular Cel  
Endometrium

Vacuolization Cytoplasmic  
Hyperplasia  
Hyperplasia  
Hyperplasia  
Hyperplasia

Minimal  
Cystic, Minimal  
Squamous, Minimal  
Minimal  
Cystic, Moderate

Note: HYPERPLASIA TGLs = 3-4

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 194

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder

**MISSING**

Ovary

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow		Myelofibrosis	Minimal
Kidney		Nephropathy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 3-4 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 195

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Ovary		Cyst	Marked
[ Cyst TGLS = 1-9 ]			
Skin		Foreign Body	Mild
		Inflammation	Granulomatous, Mild
Note: POSSIBLE GAVAGE ACCIDENT			
[ Foreign Body TGLS = 3-11 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 196

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Thymus	Tooth
Trachea	Urinary Bladder		

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-10 ]			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-1			
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Glandular, Mucosa	Dilatation	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Marked
		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 197

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 360

**DOSE:** CONTROL FEMALE

**DISP:** Gavage Death

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Eye	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skeletal Muscle	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tooth	Urinary Bladder		

**MISSING**

Intestine Small - Duodenum	Parathyroid Gland
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**OBSERVATIONS**

Esophagus	Periesoph Tiss	Inflammation	Acute, Minimal
Heart	Epicardium	Inflammation	Acute, Moderate
Lung	Pleura	Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 3-5			
Skin	Subcut Tiss	Abscess	Marked
Note: ABSCESS TGLs = 4-2			
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]			
Thymus	Mediastinum	Inflammation	Acute, Mild
	Thymocyte	Necrosis	Moderate
Trachea	Peritrach Tiss	Foreign Body	Mild
	Peritrach Tiss	Inflammation	Acute, Mild
Note: PROBABLE CAUSE OF MORIBUNDITY-GAVAGE ACCIDENT			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 198

TRT#: 4

SEX: Female

DAY ON TEST: 469

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Esophagus  
Heart  
Intestine Small - Jejunum  
Lung  
Nose  
Salivary Glands  
Stomach - Forestomach  
Tooth

Adrenal Gland - Medulla  
Eye  
Intestine Large - Cecum  
Islets, Pancreatic  
Lymph Node - Mandibular  
Ovary  
Skeletal Muscle  
Stomach - Glandular  
Trachea

Bone  
Gallbladder  
Intestine Large - Colon  
Kidney  
Lymph Node - Mesenteric  
Pancreas  
Skin  
Thymus  
Urinary Bladder

Bone Marrow  
Harderian Gland  
Intestine Large - Rectum  
Liver  
Mammary Gland  
Pituitary Gland  
Spleen  
Thyroid Gland

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

Intestine Small - Ileum

OBSERVATIONS

Brain

Thalamus

Mineralization

Minimal

Uterus

Endometrium

Hyperplasia

Cystic, Mild

Note: PROBABLE CAUSE OF DEATH-UNDETERMINED

Note: HYPERPLASIA TGLs = 2-4

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 199	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL FEMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

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**MISSING**

Intestine Small - Duodenum

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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Skin		Inflammation	Acute, Minimal
[ Inflammation TGLS = 1-9 ]			
Stomach	Forestomach	Squamous Cell Papilloma	
Thyroid Gland		Inflammation	Chronic, Minimal
Tooth		Inflammation	Acute, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 200

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Mammary Gland
Nose	Pancreas	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4,5,6-9+10		
Ovary		Cyst	Mild
Note: CYST	TGLs = 3-4		
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
Stomach	Glandular, Mucosa	Hyperplasia	Minimal
Thymus		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 7-2		
Tooth		Inflammation	Acute, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 201

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**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
Mammary Gland	Nose	Ovary	Parathyroid Gland
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tooth	Trachea	

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Ballooning, Mild
Bone Marrow		Lymphoma Malignant Mixed	
Gallbladder		Lymphoma Malignant Mixed	
Harderian Gland		Adenoma	
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Pancreas		Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Salivary Glands		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-3			
Thymus		Lymphoma Malignant Mixed	
Urinary Bladder		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 1-4 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 202

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 669

**DOSE:** CONTROL FEMALE

**DISP:** Gavage Death

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Urinary Bladder			

**MISSING**

Gallbladder	Intestine Large - Rectum	Intestine Small - Duodenum
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**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Adenoma	
Ovary		Cyst	Marked
Note: CYST	TGLs = 2-10		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands		Inflammation	Chronic, Minimal
Thymus	Mediastinum	Foreign Body	Moderate
	Mediastinum	Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 4-9		
Note: PROBABLE CAUSE OF MORIBUNDITY-GAVAGE ACCIDENT			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 1-4		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 203

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 236

**DOSE:** CONTROL FEMALE

**DISP:** Accident

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Mammary Gland  
Parathyroid Gland  
Skin  
Thymus  
Urinary Bladder

Adrenal Gland - Medulla  
Esophagus  
Heart  
Intestine Small - Ileum  
Liver  
Nose  
Pituitary Gland  
Spleen  
Thyroid Gland

Bone  
Eye  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Ovary  
Salivary Glands  
Stomach - Forestomach  
Tooth

Bone Marrow  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Pancreas  
Skeletal Muscle  
Stomach - Glandular  
Trachea

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Lung  
Note: PROBABLE CAUSE OF DEATH-TRAUMA/ACCIDENTALLY DROPPED  
Uterus

Hemorrhage  
Hyperplasia

Mild  
Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 204

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lung  
Nose  
Skeletal Muscle  
Stomach - Glandular  
Urinary Bladder

Adrenal Gland - Medulla  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mandibular  
Ovary  
Skin  
Thymus

Bone  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Lymph Node - Mesenteric  
Parathyroid Gland  
Spleen  
Tooth

Bone Marrow  
Heart  
Intestine Small - Ileum  
Liver  
Mammary Gland  
Salivary Glands  
Stomach - Forestomach  
Trachea

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Brain  
Lymph Node  
[ Hemorrhage TGLS = 4-11 ]  
Pancreas  
Pituitary Gland  
Thyroid Gland  
Uterus  
[ Hyperplasia TGLS = 1-4 ]

Thalamus  
Iliac  
Acinus  
Pars Distalis  
Follicular Cel  
Endometrium

Mineralization  
Hemorrhage  
Atrophy  
Adenoma  
Hyperplasia  
Hyperplasia

Mild  
Moderate  
Minimal  
Minimal  
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 205	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL FEMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

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**MISSING**

Lymph Node - Mesenteric	Ovary	Pituitary Gland
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Lung		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 2-4 ]

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 206

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 3-9			
Lymph Node	Mesenteric	Ectasia	Moderate
Note: ECTASIA TGLs = 2-10			
Ovary		Cyst	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLs = 1-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 207

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 302

**DOSE:** CONTROL FEMALE

**DISP:** Dosing Accident

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Eye	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skeletal Muscle	Spleen	Stomach - Forestomach
Stomach - Glandular	Tooth	Urinary Bladder	

**MISSING**

Parathyroid Gland

**AUTO PRECLUDES DIAG.**

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

Esophagus	Wall	Inflammation	Necrotizing, Moderate
Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT			
Heart	Epicardium	Inflammation	Acute, Moderate
Lung		Foreign Body	Moderate
		Inflammation	Acute, Minimal
Skin	Subcut Tiss	Abscess	Moderate
Thymus	Mediastinum	Inflammation	Acute, Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Trachea	Peritrach Tiss	Inflammation	Acute, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 208

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Thymus	Thyroid Gland
Tooth	Trachea		

**MISSING**

Intestine Small - Duodenum	Ovary	Urinary Bladder
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**OBSERVATIONS**

Adrenal Gland	Cortex	Atrophy	Mild
Kidney		Nephropathy	Mild
Lung		Inflammation	Chronic, Minimal
Lymph Node	Inguinal	Infiltration Cellular	Mast Cell, Moderate
	Mandibular	Infiltration Cellular	Mast Cell, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Infiltration Cellular	Mast Cell, Minimal
	Fat	Necrosis	Mild
Note: NECROSIS      TGLs = 2-9			
Nose		Infiltration Cellular	Mast Cell, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA      TGLs = 4-1			
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
	Forestomach	Infiltration Cellular	Mast Cell, Marked
	Glandular	Infiltration Cellular	Mast Cell, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 209

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 669

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tooth	Trachea		

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
Gallbladder		Lymphoma Malignant Mixed	
Harderian Gland		Lymphoma Malignant Mixed	
Intestine Large	Cecum	Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-3			
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-3+12			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Inguinal	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3,7-2+10+13			
Ovary		Cyst	Moderate
Pancreas		Lymphoma Malignant Mixed	
Skeletal Muscle		Hemorrhage	Moderate
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 8-14			
Spleen		Lymphoma Malignant Mixed	
Note: PROBABLE CAUSE OF MORIBUNDITY-LYMPHOMA MAL MIXED			
[ Lymphoma Malignant Mixed TGLS = 1-11 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 209

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 669

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thymus Note: LYMPH MAL MIXD TGLs = 6-9		Lymphoma Malignant Mixed	
Urinary Bladder		Lymphoma Malignant Mixed	
Uterus Note: HYPERPLASIA TGLs = 2-4	Endometrium	Hyperplasia	Cystic, Moderate

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 210

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

**MISSING**

Intestine Small - Duodenum	Ovary
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
	Jejunum	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 1-9 ]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 211

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Pancreas  
Skeletal Muscle  
Stomach - Glandular  
Trachea

Adrenal Gland - Medulla  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Mammary Gland  
Parathyroid Gland  
Skin  
Thymus  
Urinary Bladder

Bone  
Heart  
Intestine Small - Ileum  
Lung  
Nose  
Pituitary Gland  
Spleen  
Thyroid Gland

Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Ovary  
Salivary Glands  
Stomach - Forestomach  
Tooth

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Bone Marrow  
Brain  
Liver

Thalamus

Myelofibrosis  
Mineralization  
Eosinophilic Focus  
Hepatocellular Adenoma

Minimal  
Minimal  
Moderate

Note: HEPATOCLR ADEN TGLs = 3-9

Uterus

Endometrium

Hyperplasia

Cystic, Mild

Note: HYPERPLASIA TGLs = 1-4

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 212	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL FEMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

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**MISSING**

Intestine Small - Duodenum	Ovary
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**OBSERVATIONS**

Salivary Glands		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4 ]			

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 213	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 304
	<b>DOSE:</b> CONTROL FEMALE	<b>DISP:</b> Gavage Death	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Kidney	Liver	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

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**MISSING**

Gallbladder	Harderian Gland	Islets, Pancreatic	Lymph Node - Mesenteric
Thymus			

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**AUTO PRECLUDES DIAG.**

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Glandular
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**OBSERVATIONS**

Esophagus	Periesoph Tiss	Foreign Body	Minimal
	Periesoph Tiss	Inflammation	Acute, Mild
Lung		Congestion	Mild
	Mediastinum	Foreign Body	Minimal
	Mediastinum	Inflammation	Acute, Moderate

Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT  
[ Inflammation TGLS = 1-5 ]

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 214	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL FEMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

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**MISSING**

Pituitary Gland	Thymus
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Inflammation	Minimal
Liver		Vacuolization Cytoplasmic	Minimal
Ovary		Cyst	Mild
Pancreas	Acinus	Basophilic Focus	Moderate
Spleen		Hyperplasia	Lymphoid, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 215

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Heart  
Intestine Small - Ileum  
Liver  
Nose  
Skeletal Muscle  
Stomach - Glandular  
Trachea

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Parathyroid Gland  
Skin  
Thymus  
Urinary Bladder

Bone  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Pituitary Gland  
Spleen  
Thyroid Gland

Bone Marrow  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Mammary Gland  
Salivary Glands  
Stomach - Forestomach  
Tooth

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Lung  
Note: [ ALV BRON CARC ] TGLs = 4-9  
Ovary  
[ Cyst TGLS = 1-4 ]  
Pancreas  
Uterus  
[ Hyperplasia TGLS = 2-4 ]

Alveolus  
Acinus  
Endometrium

Alveolar/Bronchiolar Carcinoma  
Infiltration Cellular  
Cyst  
Atrophy  
Hyperplasia

Histiocyte, Minimal  
Mild  
Mild  
Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 216

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Ovary		Cyst	Marked
[ Cyst TGLS = 2-9 ]			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Hyperplasia	Lymphoid, Mild
Thyroid Gland		Inflammation	Acute, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 217	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> CONTROL FEMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

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**MISSING**

Intestine Small - Duodenum	Parathyroid Gland
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skeletal Muscle	Head	Inflammation	Acute, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 218

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 365

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Urinary Bladder	

**MISSING**

Intestine Small - Duodenum	Lymph Node - Mesenteric
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**OBSERVATIONS**

Heart	Epicardium	Inflammation	Acute, Mild
Salivary Glands		Inflammation	Chronic, Minimal
Trachea	Peritrach Tiss	Foreign Body	Mild
Note: PROBABLE CAUSE OF MORIBUNDITY-GAVAGE ACCIDENT			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 1-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 219      **TRT#:** 4      **SEX:** Female      **DAY ON TEST:** 540  
**DOSE:** CONTROL FEMALE      **DISP:** Gavage Death      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Brain	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Bone	Bone Marrow	Nose	Skeletal Muscle
Tooth			

**AUTO PRECLUDES DIAG.**

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

Liver Note: [ VACUOLIZ CYTO ] TGLs = 4-3		Vacuolization Cytoplasmic	Mild
Lung Note: CONGESTION TGLs = 5-5 Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT	Mediastinum	Congestion Foreign Body	Moderate Mild
Uterus Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT [ Hyperplasia TGLS = 3-4 ]	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 220

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Kidney		Lymphoma Malignant Mixed Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 4-9 ]			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Nose	Respirat Epith	Inflammation	Acute, Minimal
Spleen		Lymphoma Malignant Mixed	
Note: [ LYMPH MAL MIXD ] TGLs = 3-3			
Stomach	Forestomach	Inflammation	Acute, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 221

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Brain	Meninges	Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 2-4 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 222

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 632

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

**MISSING**

Gallbladder	Intestine Small - Duodenum
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney		Lymphoma Malignant Mixed	
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Mammary Gland		Hyperplasia	Cystic, Mild
Ovary		Cyst	Moderate
Note: CYST TGLs = 2-4			
Pituitary Gland	Pars Distalis	Angiectasis	Marked
Note: ANGIECTASIS TGLs = 3-1			
Note: PROBABLE CAUSE OF MORIBUNDITY-ANGIECTASIS OF PITUITARY			
Spleen		Lymphoma Malignant Mixed	
Note: [ LYMPH MAL MIXD ] TGLs = 1-3			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 223

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 537

**DOSE:** CONTROL FEMALE

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Eye	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Mammary Gland
Nose	Ovary	Pituitary Gland	Skeletal Muscle
Skin	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

**MISSING**

Parathyroid Gland

**AUTO PRECLUDES DIAG.**

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

Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
Brain	Thalamus	Mineralization	Minimal
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-3			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-2+6			
Pancreas		Lymphoma Malignant Mixed	
Salivary Glands		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: PROBABLE CAUSE OF DEATH-LYMPHOMA MALIGNANT MIXED [ Lymphoma Malignant Mixed TGLS = 2-3 ]			
Stomach	Forestomach	Hyperplasia	Squamous, Minimal
Note: HYPERPLASIA TGLs = 5-6			
Thymus		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 223

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 537

**DOSE:** CONTROL FEMALE

**DISP:** Dead

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 224

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Skeletal Muscle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

**MISSING**

Lymph Node - Mandibular	Thymus
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 4-11 ]			
Pancreas	Acinus	Atrophy	Marked
Salivary Glands		Inflammation	Chronic, Minimal
Skin		Inflammation	Chronic, Mild
[ Inflammation TGLS = 2-10 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Inflammation TGLS = 3-4 ]		Inflammation	Chronic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 225

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Esophagus  
Intestine Large - Colon  
Kidney  
Lymph Node - Mesenteric  
Pituitary Gland  
Spleen  
Tooth

Adrenal Gland - Medulla  
Gallbladder  
Intestine Small - Ileum  
Liver  
Mammary Gland  
Salivary Glands  
Stomach - Forestomach  
Trachea

Bone  
Heart  
Intestine Small - Jejunum  
Lung  
Nose  
Skeletal Muscle  
Stomach - Glandular  
Urinary Bladder

Brain  
Intestine Large - Cecum  
Islets, Pancreatic  
Lymph Node - Mandibular  
Pancreas  
Skin  
Thyroid Gland

**MISSING**

Intestine Large - Rectum

Intestine Small - Duodenum

Ovary

Parathyroid Gland

**OBSERVATIONS**

Bone Marrow  
Harderian Gland  
Thymus  
Uterus  
[ Hyperplasia TGLS = 1-4 ]

Endometrium

Myelofibrosis  
Adenoma  
Hyperplasia  
Hyperplasia

Minimal  
Lymphoid, Minimal  
Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 226	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 544
	<b>DOSE:</b> CONTROL FEMALE	<b>DISP:</b> Moribund	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

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**MISSING**

Intestine Small - Duodenum	Lymph Node - Mesenteric	Parathyroid Gland
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Lung		Hemorrhage	Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: PROBABLE CAUSE OF MORIBUNDITY-ADENOMA OF PARS DISTALIS			
Note: ADENOMA TGLs = 4-1+6			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 3-4			

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 227

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 639

**DOSE:** CONTROL FEMALE

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Brain	Esophagus	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tooth	Trachea

**MISSING**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Intestine Small - Duodenum
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**OBSERVATIONS**

Bone Marrow		Lymphoma Malignant Lymphocytic
Harderian Gland		Lymphoma Malignant Lymphocytic
Heart		Lymphoma Malignant Lymphocytic
Kidney		Lymphoma Malignant Lymphocytic
Liver		Lymphoma Malignant Lymphocytic
Lung	Mediastinum	Lymphoma Malignant Lymphocytic
		Lymphoma Malignant Lymphocytic
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic
	Mesenteric	Lymphoma Malignant Lymphocytic
Note: LYMPH MAL LYMP TGLs = 5-2+6		
Mesentery		Lymphoma Malignant Lymphocytic
[ Lymphoma Malignant Lymphocytic TGLS = 4-9 ]		
Ovary	Periovarn Tiss	Lymphoma Malignant Lymphocytic
[ Lymphoma Malignant Lymphocytic TGLS = 3-4 ]		
Pancreas		Lymphoma Malignant Lymphocytic
Salivary Glands		Lymphoma Malignant Lymphocytic
Skeletal Muscle		Lymphoma Malignant Lymphocytic
Spleen		Lymphoma Malignant Lymphocytic
Note: PROBABLE CAUSE OF DEATH-LYMPHOCYTIC MAL LYMPHOMA		
Thymus		Lymphoma Malignant Lymphocytic
Urinary Bladder		Lymphoma Malignant Lymphocytic
Uterus	Endometrium	Hyperplasia
		Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 227

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 639

**DOSE:** CONTROL FEMALE

**DISP:** Dead

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

Lymphoma Malignant Lymphocytic

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 228

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Capsule	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 7-3			
Kidney		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1,2,3,5,6,8-9+10+11+13+15+17			
Pancreas		Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
Spleen		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 4-14 ]			
Thymus		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 10-12 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 229

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 397

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Mesentery	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Ear	External Ear	Squamous Cell Carcinoma	
Note: SQUAM CEL CARC TGLs = 1-9			
Note: SQUAMOUS CELL CARCINOMA MAYBE IN ZYMBALS GLAND			
Note: PROBABLE CAUSE OF MORIBUNDITY-SQUAMOUS CL CARCINOMA			
Lung		Squamous Cell Carcinoma	Metastatic (Ear)
Ovary		Cyst	Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2-3			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 230

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mandibular  
Parathyroid Gland  
Spleen  
Thyroid Gland

Adrenal Gland - Medulla  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Lymph Node - Mesenteric  
Salivary Glands  
Stomach - Forestomach  
Tooth

Bone  
Heart  
Intestine Small - Ileum  
Liver  
Mammary Gland  
Skeletal Muscle  
Stomach - Glandular  
Trachea

Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lung  
Nose  
Skin  
Thymus

MISSING

Intestine Small - Duodenum

Ovary

OBSERVATIONS

Bone Marrow  
Brain  
Pancreas  
Pituitary Gland

Thalamus  
Acinus  
Pars Distalis  
Pars Distalis  
Endometrium

Myelofibrosis  
Mineralization  
Necrosis  
Angiectasis  
Hyperplasia  
Inflammation  
Hyperplasia

Minimal  
Minimal  
Coagulative, Mild  
Mild  
Mild  
Chronic, Minimal  
Cystic, Mild

Urinary Bladder  
Uterus

Note: HYPERPLASIA TGLs = 3-4

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 241	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney	Liver	Lung	Skin
Stomach - Forestomach	Stomach - Glandular		

---

**OBSERVATIONS**

Harderian Gland		Adenoma	Multiple
Note: [ ADENOMA ] TGLs = 3-9+11			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Inflammation	Acute, Mild
Note: HYPERPLASIA TGLs = 2-4			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 242

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW FEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Eye	Kidney	Lung	Mammary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	

**OBSERVATIONS**

Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 6-9		
Liver		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 3,4-12 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	
[ Hyperplasia TGLS = 5-4 ]			

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 243

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW FEM

**DISP:** Terminal Sacrifice

**HISTO:**

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland  
Skin

Kidney  
Spleen

Liver  
Stomach - Forestomach

Lung  
Stomach - Glandular

---

**OBSERVATIONS**

Uterus  
[ Hyperplasia TGLS = 2-4 ]

Endometrium

Hyperplasia

Cystic, Moderate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 244	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Kidney	Lung	Skin
Stomach - Forestomach	Stomach - Glandular		

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**OBSERVATIONS**

Liver	Vacuolization Cytoplasmic	Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 245      **TRT#:** 5      **SEX:** Female      **DAY ON TEST:** 324  
**DOSE:** 175MG/KGLOW FEM      **DISP:** Gavage Death      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tooth	Urinary Bladder	

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Heart	Epicardium	Inflammation	Acute, Mild
Lung		Congestion	Mild
	Pleura	Inflammation	Acute, Mild
Note: CONGESTION    TGLs = 2-5			
Note: INFLAMMATION    TGLs = 3-5			
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-3 ]			
Thymus	Mediastinum	Inflammation	Acute, Moderate
	Thymocyte	Necrosis	Moderate
Trachea	Peritrach Tiss	Foreign Body	Mild
Note: PROBABLE CAUSE OF MORIBUNDITY-GAVAGE ACCIDENT			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 246	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver	Mammary Gland	Skin	Stomach - Forestomach
Stomach - Glandular			

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**OBSERVATIONS**

Harderian Gland		Hyperplasia	Mild
Kidney		Metaplasia	Osseous, Minimal
Lung	Alveolus	Foreign Body	Minimal
Ovary		Cyst	Moderate
[ Cyst TGLS = 1-4 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4 ]			

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PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 247	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Liver	Lung	Skin
Stomach - Forestomach	Stomach - Glandular		

---

**OBSERVATIONS**

Kidney		Infarct	Mild
Note: [ INFARCT ] TGLs = 4-3			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-10 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-4 ]			

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PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 248	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney	Lung	Skin	Stomach - Forestomach
Stomach - Glandular			

---

**OBSERVATIONS**

Harderian Gland		Adenoma	
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 5-11 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 4-9 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-4 ]			

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PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 249	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Kidney	Liver	Lung
Mammary Gland	Skin	Stomach - Forestomach	Stomach - Glandular

---

**OBSERVATIONS**

Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4+9 ]			

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 250	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Liver	Lung	Mammary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	

---

**OBSERVATIONS**

Kidney		Infarct	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-4 ]			

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 251

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW FEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Harderian Gland  
Mammary Gland

Kidney  
Skin

Liver  
Stomach - Forestomach

Lung  
Stomach - Glandular

**OBSERVATIONS**

Uterus

Endometrium

Deciduoma Benign  
Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLS = 3-4 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 252	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney	Liver	Lung	Mammary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	

---

**OBSERVATIONS**

Harderian Gland		Carcinoma	
Note: [ CARCINOMA ] TGLs = 1-9			
Spleen		Hyperplasia	Lymphoid, Minimal
[ Hyperplasia TGLS = 4-3 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-4 ]			

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 253

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 658

**DOSE:** 175MG/KGLOW FEM

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Kidney	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

**MISSING**

Intestine Small - Duodenum	Thymus
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**OBSERVATIONS**

Harderian Gland		Adenoma	
Liver		Lymphoma Malignant Mixed	
Note: [ LYMPH MAL MIXD ] TGLs = 3-3+9,2-3			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Ovary		Cyst	Moderate
Spleen		Lymphoma Malignant Mixed	
Note: PROBABLE CAUSE OF DEATH-MALIGFNANT LYMPHOMA MIXED			
[ Lymphoma Malignant Mixed TGLS = 1-3 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 254	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Kidney	Liver	Lung
Skin	Stomach - Forestomach	Stomach - Glandular	

---

**OBSERVATIONS**

Spleen		Hemangiosarcoma	
[ Hemangiosarcoma TGLS = 1-9 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4 ]			

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 255	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Kidney	Liver	Lung
Skin	Stomach - Forestomach	Stomach - Glandular	

---

**OBSERVATIONS**

Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-1 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 256

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 626

**DOSE:** 175MG/KGLOW FEM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Skeletal Muscle	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder			

**MISSING**

Intestine Small - Ileum

**AUTO PRECLUDES DIAG.**

Intestine Large - Cecum                      Intestine Large - Rectum

**OBSERVATIONS**

Brain		Necrosis	Liquifactive, Moderate
Heart		Inflammation	Chronic, Minimal
Liver		Hepatocellular Adenoma	Multiple
[ Hepatocellular Adenoma TGLS = 4-9 ]			
Lymph Node	Mesenteric	Mast Cell Tumor Malignant	Metastatic (Spleen)
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Moderate
Note: LESION IS ON SLIDE 11			
Ovary		Cyst	Moderate
[ Cyst TGLS = 1-11 ]			
Salivary Glands		Mast Cell Tumor Malignant	Metastatic (Spleen)
Skin		Mast Cell Tumor Malignant	Metastatic (Spleen)
Spleen		Mast Cell Tumor Malignant	
Note: PROBABLE CAUSE OF MORIBUNDITY-MAST CELL TUMOR MAL			
[ Mast Cell Tumor Malignant TGLS = 2-10 ]			
Thyroid Gland	Follicle	Cyst	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 256

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 626

**DOSE:** 175MG/KGLOW FEM

**DISP:** Moribund

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 257	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Kidney	Lung	Skin
Stomach - Forestomach	Stomach - Glandular		

---

**OBSERVATIONS**

Liver		Eosinophilic Focus	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-4+10 ]			

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 258	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Kidney	Liver	Lung
Skin	Stomach - Forestomach	Stomach - Glandular	

---

**OBSERVATIONS**

Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Inflammation	Acute, Minimal

[ Hyperplasia TGLS = 2-4+9 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 259

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW FEM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland  
Skin

Kidney  
Stomach - Forestomach

Liver  
Stomach - Glandular

Mammary Gland

---

**OBSERVATIONS**

Lung

Alveolus

Foreign Body  
Inflammation

Minimal  
Chronic, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 260

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW FEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Kidney	Liver	Lung	Mammary Gland
Stomach - Glandular			

**OBSERVATIONS**

Harderian Gland		Adenoma	
Ovary		Cyst	Mild
Note: CYST      TGLs = 3-4			
Skin		Inflammation	Acute, Marked
[ Inflammation TGLS = 2-10 ]			
Stomach	Forestomach	Hyperplasia	Squamous, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 261	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Kidney	Liver	Lung
Mammary Gland	Skin	Stomach - Forestomach	Stomach - Glandular

---

**OBSERVATIONS**

Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4 ]			

---

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 262

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 666

**DOSE:** 175MG/KGLOW FEM

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tooth	Trachea

**MISSING**

Intestine Small - Duodenum	Lymph Node - Mandibular	Ovary	Urinary Bladder
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**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Liver		Vacuolization Cytoplasmic	Moderate
Note: VACUOLIZ CYTO TGLs = 5-3			
Lung	Alveolar Epith	Hyperplasia	Mild
Pancreas	Acinus	Atrophy	Mild
	Duct	Ectasia	Marked
Note: LESION IS ON SLIDE 8			
Note: PROBABLE CAUSE OF DEATH-ECTASIA OF PANCREATIC DUCT			
Skin		Fibrosis	Mild
		Inflammation	Acute, Minimal
[ Fibrosis TGLS = 1-9 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 3-4			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 263

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 622

**DOSE:** 175MG/KGLOW FEM

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Harderian Gland	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

**MISSING**

Pituitary Gland

**AUTO PRECLUDES DIAG.**

Gallbladder	Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Lung		Fibrosarcoma	Metastatic (Skin)
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 4-9			
Pancreas		Fibrosarcoma	Metastatic (Skin)
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 1-10			
Note: PROBABLE CAUSE OF DEATH-FIBROSARCOMA OF SKIN			
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 5-3			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 3-4			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

<b>ANIMAL ID:</b> 264	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Kidney	Lung	Skin
Stomach - Forestomach	Stomach - Glandular		

---

**OBSERVATIONS**

Liver		Lymphoma Malignant Mixed	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-10			
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 3-11			
Spleen		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 1-9 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4 ]			

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

---

**ANIMAL ID:** 265

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW FEM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland  
Skin

Kidney  
Stomach - Forestomach

Liver  
Stomach - Glandular

Lung

---

**OBSERVATIONS**

Uterus  
[ Hyperplasia TGLS = 1-4 ]

Endometrium

Hyperplasia

Cystic, Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 266

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW FEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Harderian Gland  
Stomach - Forestomach

Liver  
Stomach - Glandular

Lung

Skin

**OBSERVATIONS**

Kidney  
Ovary  
[ Cyst TGLS = 2-4 ]  
Pituitary Gland  
[ Adenoma TGLS = 3-1 ]

Renal Tubule  
  
Pars Distalis

Karyomegaly  
Cyst  
  
Adenoma

Minimal  
Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 267

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 175MG/KGLOW FEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Harderian Gland  
Stomach - Glandular

Liver

Skin

Stomach - Forestomach

**OBSERVATIONS**

Kidney  
Lung

Alveolus

Infarct  
Foreign Body  
Inflammation  
Hyperplasia

Mild  
Minimal  
Chronic, Minimal  
Cystic, Mild

Uterus

Endometrium

Note: HYPERPLASIA TGLs = 1-4

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 268

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 614

**DOSE:** 175MG/KGLOW FEM

**DISP:** Gavage Death

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

**MISSING**

Gallbladder	Mammary Gland	Thymus
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**OBSERVATIONS**

Kidney [ Mineralization TGLS = 1-3 ]		Mineralization	Mild
Liver [ Hepatocellular Carcinoma TGLS = 4-9 ]		Hepatocellular Carcinoma	
Lung	Mediastinum	Foreign Body	Mild
	Mediastinum	Inflammation	Acute, Moderate
Note: PROBABLE CAUSE OF MORIBUNDITY-GAVAGE ACCIDENT			
Pancreas	Acinus	Atrophy	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 269	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney	Liver	Lung	Mammary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	

---

**OBSERVATIONS**

Harderian Gland		Hyperplasia	Mild
Ovary		Cyst	Moderate
Note: CYST      TGLs = 3-4			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA      TGLs = 2-4			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 270	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney	Mammary Gland	Skin	Stomach - Forestomach
Stomach - Glandular			

---

**OBSERVATIONS**

Harderian Gland		Adenoma	
Liver		Necrosis	Coagulative, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1-4 ]			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 271

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 694

**DOSE:** 175MG/KGLOW FEM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tooth	Trachea		

**MISSING**

Gallbladder	Intestine Small - Duodenum
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**OBSERVATIONS**

Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 8-3			
Lymph Node	Inguinal	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 3,4,7-9+12+15 ]			
Ovary		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: PROBABLE CAUSE OF MORIBUNDITY-LYMPHOMA MAL MIXD			
Note: LYMPH MAL MIXD TGLs = 5-11			
Thymus		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 9-10			
Urinary Bladder		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 6-4			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 271

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 694

**DOSE:** 175MG/KGLOW FEM

**DISP:** Moribund

**HISTO:**

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 272	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Kidney	Liver	Mammary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	

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**OBSERVATIONS**

Lung	Alveolar Epith	Hyperplasia	Moderate
Nose		Leukemia	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 3-4

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 273

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 670

**DOSE:** 175MG/KGLOW FEM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Liver		Eosinophilic Focus	Minimal
		Hepatocellular Carcinoma	
Note: PROBABLE CAUSE OF MORIBUNDITY-HEPATOCELLULAR CARCINOMA [ Eosinophilic Focus TGLs = 4-9 ]			
Lung		Inflammation	Chronic, Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
Mesentery		Mesothelioma Malignant	
	Fat	Necrosis	Moderate
Note: MESOTHELIOMA IS ON SLIDE 6 Note: NECROSIS TGLs = 3-10			
Ovary	Periovarn Tiss	Mesothelioma Malignant	
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 274	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 730
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Lung	Stomach - Forestomach	Stomach - Glandular
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Eosinophilic Focus	Minimal
Mammary Gland	Duct	Hyperplasia	Moderate
Skin		Trichoepithelioma	
Note: TRICHOEPITHEL TGLs = 1-9			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-4			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 275

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 666

**DOSE:** 175MG/KGLOW FEM

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Mammary Gland	Nose
Ovary	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Tooth
Trachea	Urinary Bladder		

**MISSING**

Intestine Small - Duodenum	Islets, Pancreatic	Parathyroid Gland
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**OBSERVATIONS**

Kidney	Renal Tubule	Adenoma	
Liver		Lymphoma Malignant Lymphocytic	
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Pancreas		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: PROBABLE CAUSE OF DEATH-LYMPHOMA MAL LYMPHOCYTIC [ Lymphoma Malignant Lymphocytic TGLS = 2-9 ]			
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland	Follicular Cel	Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Lymphoma Malignant Lymphocytic	
[ Lymphoma Malignant Lymphocytic TGLS = 3-4 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 276	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Kidney	Liver	Lung
Mammary Gland	Skin	Stomach - Forestomach	Stomach - Glandular

---

**OBSERVATIONS**

Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4+10 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 277

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 669

**DOSE:** 175MG/KGLOW FEM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skeletal Muscle	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Intestine Small - Duodenum	Kidney
Pituitary Gland	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus			

**OBSERVATIONS**

Liver		Vacuolization Cytoplasmic	Mild
Lung	Fat, Mediastinum	Necrosis	Mild
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Moderate
Mesentery	Fat	Necrosis	Marked
Note: PROBABLE CAUSE OF MORIBUNDITY-FAT NECROSIS [ Necrosis TGLS = 2,3-9 ]			
Skin	Subcut Tiss	Necrosis	Moderate
[ Necrosis TGLS = 1-10 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 278	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Kidney	Liver	Lung
Mammary Gland	Skin	Stomach - Forestomach	Stomach - Glandular

---

**OBSERVATIONS**

Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4+10 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 279	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Liver	Lung	Mammary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	

---

**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Lymph Node	Mesenteric	Inflammation	Chronic, Marked
[ Inflammation TGLS = 3-6 ]			
Ovary		Cystadenoma	
[ Cystadenoma TGLS = 1-4 ]			
Spleen		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 2-3 ]			

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PRIMARY CAUSE OF DEATH

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-

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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**ANIMAL ID:** 280

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 175MG/KGLOW FEM

**DISP:** Terminal Sacrifice

**HISTO:**

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Kidney

Liver

Lung

Mammary Gland

Skin

Stomach - Forestomach

Stomach - Glandular

---

**OBSERVATIONS**

Harderian Gland

Hyperplasia

Minimal

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 281	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Kidney	Liver	Mammary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	

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**OBSERVATIONS**

Lung		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 1-4+10 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 282

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 654

**DOSE:** 175MG/KGLOW FEM

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pituitary Gland
Salivary Glands	Skeletal Muscle	Spleen	Stomach - Forestomach
Stomach - Glandular	Tooth		

**MISSING**

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

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

Brain	Thalamus	Mineralization	Minimal
Heart	Atrium	Thrombosis	Mild
Kidney	Medulla	Inflammation	Acute, Mild
[ Inflammation TGLS = 5-3 ]			
Liver		Angiectasis	Moderate
		Necrosis	Coagulative, Moderate

Note: PROBABLE CAUSE OF DEATH-HEPATIC NECROSIS

[ Angiectasis TGLS = 3-9 ]

[ Necrosis TGLS = 2-3 ]

Lung	Mediastinum	Lymphoma Malignant Lymphocytic	
Pancreas		Lymphoma Malignant Lymphocytic	
Skin		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Hydrometra	Marked
		Lymphoma Malignant Lymphocytic	

[ Hydrometra TGLS = 4-4+10 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 283

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 690

**DOSE:** 175MG/KGLOW FEM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

**MISSING**

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Lymph Node - Mesenteric
Ovary			

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Liver		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 3-3 ]			
Lung		Foreign Body	Mild
		Lymphoma Malignant Mixed	
Nose	Nasolacrim Dct	Inflammation	Acute, Minimal
Spleen		Lymphoma Malignant Mixed	
Note: PROBABLE CAUSE OF MORIBUNDITY-LYMPHOMA MAL MIXED			
[ Lymphoma Malignant Mixed TGLS = 2-3 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 4-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 284	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Liver	Lung	Mammary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	

---

**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4+10 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 285	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Harderian Gland	Kidney	Lung	Mammary Gland
Stomach - Forestomach	Stomach - Glandular		

---

**OBSERVATIONS**

Liver		Hematopoietic Cell Proliferation Hepatocellular Adenoma	Minimal
Note: HEPATOCLR ADEN TGLs = 9-11			
Lymph Node	Mediastinal Mesenteric	Lymphoma Malignant Mixed Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 8-9			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 4-12 ]			
Skin		Inflammation	Acute, Minimal
[ Inflammation TGLS = 1-13 ]			
Spleen		Hematopoietic Cell Proliferation	Minimal
[ Hematopoietic Cell Proliferation TGLS = 3-10 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 5-4 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 286	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney	Liver	Lung	Skin
Stomach - Forestomach	Stomach - Glandular		

---

**OBSERVATIONS**

Harderian Gland		Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1,2-4+10+11 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 287	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Kidney	Liver	Stomach - Forestomach
Stomach - Glandular			

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**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Adenoma	
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-4+9 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 288	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney	Liver	Lung	Lymph Node - Mesenteric
Stomach - Forestomach	Stomach - Glandular		

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**OBSERVATIONS**

Harderian Gland		Adenoma	
Mesentery		Hemangiosarcoma	Metastatic (Skeletal Muscle)
Note: [ HEMANGIOSARC ] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-1 ]			
Skeletal Muscle		Hemangiosarcoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 3-10 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-4+11 ]			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 289

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 642

**DOSE:** 175MG/KGLOW FEM

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Parathyroid Gland	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

**AUTO PRECLUDES DIAG.**

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

Liver		Necrosis Vacuolization Cytoplasmic	Coagulative, Mild Mild
Note: PROBABLE CAUSE OF DEATH-HEPATIC NECROSIS [ Necrosis TGLS = 3-3 ]			
Pancreas	Acinus	Basophilic Focus	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
[ Hematopoietic Cell Proliferation TGLS = 2-3 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 5-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 290	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 175MG/KGLOW FEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Harderian Gland	Liver	Lung	Skin
Stomach - Forestomach	Stomach - Glandular		

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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 301

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 350MG/KG HIGHFEM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Heart  
Intestine Small - Ileum  
Lung  
Pancreas  
Skeletal Muscle  
Thyroid Gland

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Parathyroid Gland  
Skin  
Tooth

Bone  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Mammary Gland  
Pituitary Gland  
Stomach - Forestomach  
Trachea

Bone Marrow  
Harderian Gland  
Intestine Large - Rectum  
Liver  
Nose  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

MISSING

Intestine Small - Duodenum

Lymph Node - Mesenteric

Spleen

OBSERVATIONS

Kidney

Renal Tubule

Infarct

Mild

Ovary

Karyomegaly

Minimal

Thymus

Cyst

Mild

Uterus

Endometrium

Cyst

Minimal

Hyperplasia

Cystic, Marked

[ Hyperplasia TGLS = 1,2-4+9 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 302	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 482
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Dead	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Kidney	Liver	Lung	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

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**MISSING**

Parathyroid Gland	Pituitary Gland
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**AUTO PRECLUDES DIAG.**

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

Ear	Pinna	Fibrosarcoma	
Note: PROBABLE CAUSE OF DEATH-FIBROSARCOMA OF EAR [ Fibrosarcoma TGLS = 1-9 ]			
Lymph Node	Mandibular	Fibrosarcoma	Metastatic (Ear)
Nose	Nasolacrim Dct	Inflammation	Acute, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 303

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

**MISSING**

Gallbladder	Ovary
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Adenoma	
Kidney	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Minimal
Liver		Inflammation	Subacute, Mild
Lung		Thrombosis	Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Spleen		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 1-9 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 304

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 350MG/KG HIGHFEM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Ballooning, Moderate
Bone Marrow		Myelofibrosis	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Mammary Gland	Duct	Hyperplasia	Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

Note: HYPERPLASIA TGLs = 1-4+9

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 305	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 489
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Dead	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Eye	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Kidney	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Skeletal Muscle	Skin	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

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**MISSING**

Brain	Gallbladder	Heart	Intestine Small - Duodenum
Lung	Lymph Node - Mandibular	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus			

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**INSUFFICIENT TISSUE**

Islets, Pancreatic	Pancreas
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**OBSERVATIONS**

Liver		Vacuolization Cytoplasmic	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	Endometrium	Inflammation	Acute, Moderate

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Note: PROBABLE CAUSE OF DEATH-INFLAMM OF UTERUS\ENDOMETRIUM

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 306      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 698  
**DOSE:** 350MG/KG HIGHFEM      **DISP:** Moribund      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Nose	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder

**MISSING**

Adrenal Gland - Medulla	Esophagus	Intestine Small - Duodenum	Lymph Node - Mesenteric
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Mammary Gland		Adenocarcinoma	
		Hyperplasia	Cystic, Mild
Note: PROBABLE CAUSE OF MORIBUNDITY-AENDOCARCINOMA			
Note: [ ADENOCARC ] TGLs = 2-11			
Mesentery	Fat	Necrosis	Moderate
Note: INFLAMMATION TGLs = 4-13			
Ovary		Cyst	Moderate
Pancreas	Acinus	Basophilic Focus	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA TGLs = 5-4			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 307

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Parathyroid Gland	Skeletal Muscle	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Ovary

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Intestine Large	Cecum	Lymphoma Malignant Mixed	
Kidney	Renal Tubule	Karyomegaly	Minimal
		Lymphoma Malignant Mixed	
Liver		Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 5-6		
Pancreas	Acinus	Atrophy	Marked
		Lymphoma Malignant Mixed	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4-9		
Thymus		Lymphoma Malignant Mixed	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 3-4+10		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 308

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 676

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Gavage Death

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Pituitary Gland
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

**MISSING**

Intestine Small - Duodenum	Ovary	Parathyroid Gland
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**AUTO PRECLUDES DIAG.**

Gallbladder

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Minimal
Lung	Mediastinum	Foreign Body	Moderate
	Mediastinum	Inflammation	Acute, Moderate
Note: PROBABLE CAUSE OF DEATH-GAVAGE ACCIDENT [ Inflammation TGLS = 2,4-5 ]			
Salivary Glands		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-4+9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 309

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mandibular  
Ovary  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Bone  
Harderian Gland  
Intestine Large - Rectum  
Kidney  
Lymph Node - Mesenteric  
Pancreas  
Skeletal Muscle  
Thyroid Gland

Bone Marrow  
Heart  
Intestine Small - Ileum  
Liver  
Mammary Gland  
Parathyroid Gland  
Skin  
Tooth

Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lung  
Nose  
Pituitary Gland  
Spleen  
Trachea

**MISSING**

Intestine Small - Duodenum

Thymus

**OBSERVATIONS**

Adrenal Gland  
Brain  
Stomach  
Uterus  
[ Hyperplasia TGLS = 1-4+9 ]

Medulla  
Thalamus  
Forestomach  
Endometrium

Pheochromocytoma Benign  
Mineralization  
Hyperplasia  
Hyperplasia

Minimal  
Squamous, Minimal  
Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 310	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 72
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Dead	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder	Uterus	

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**MISSING**

Harderian Gland	Intestine Large - Cecum	Mammary Gland
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**AUTO PRECLUDES DIAG.**

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

Lung	Congestion	Mild
Note: PROBABLE CAUSE OF DEATH-UNDETERMINED		

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 311

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Glandular
Thyroid Gland	Tooth	Trachea	Urinary Bladder

**MISSING**

Intestine Small - Duodenum	Ovary	Thymus
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Mild
Harderian Gland		Adenoma	
Kidney	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Mild
Lung	Mediastinum	Foreign Body	Mild
	Mediastinum	Inflammation	Chronic, Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Marked
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-4+9

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 312	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	Urinary Bladder

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**MISSING**

Mammary Gland	Ovary
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
[ Hematopoietic Cell Proliferation TGLS = 3-10 ]			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Moderate
Pancreas	Acinus	Atrophy	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 1-9 ]			
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-4+11 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 313

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	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	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 2-9 ]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Marked
Note: HYPERPLASIA TGLs = 3-6			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 1-4+9 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 314

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Harderian Gland		Adenoma	
[ Adenoma TGLS = 1-9 ]			
Kidney	Renal Tubule	Karyomegaly	Minimal
Ovary		Cyst	Moderate
Note: CYST TGLs = 3-12			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Face	Inflammation	Acute, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-4			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 315	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

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**MISSING**

Intestine Large - Rectum	Intestine Small - Duodenum
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Necrosis	Coagulative, Mild
[ Necrosis TGLS = 1-3 ]			
Mammary Gland		Hyperplasia	Cystic, Mild
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 3-10			
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 316

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC	TGLs = 1,3-9+10		
Pancreas	Acinus	Atrophy	Minimal
Tooth		Inflammation	Acute, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-4+11 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 317

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

**MISSING**

Adrenal Gland - Medulla	Intestine Small - Duodenum
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**OBSERVATIONS**

Bone Marrow		Hyperplasia	Reticulum Cell, Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Eosinophilic Focus	Minimal
Ovary		Cyst	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 2-4+10 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 318

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-9 ]			
Salivary Glands		Inflammation	Chronic, Minimal
Thymus		Cyst	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4+10 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 319

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Pancreas	Acinus	Atrophy	Minimal
Spleen		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Marked
Uterus	Endometrium	Hyperplasia	Cystic, Marked

[ Hyperplasia TGLS = 3-4+10 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 320

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

**MISSING**

Intestine Small - Duodenum      Ovary

**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney		Infarct	Minimal
	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	
[ Hepatocellular Adenoma TGLS = 5-9 ]			
Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-11 ]			
Salivary Glands		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 4-4+10 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 321	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 696
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Dead	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Pituitary Gland

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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR ADENOMA [ Hepatocellular Adenoma TGLS = 3-3+9 ]			
Nose	Nasolacrim Dct	Foreign Body	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-4			

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PRIMARY CAUSE OF DEATH

---

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 322	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

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**MISSING**

Intestine Small - Duodenum	Ovary
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Mild
Kidney	Renal Tubule	Karyomegaly	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 323	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 664
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Dead	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

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**AUTO PRECLUDES DIAG.**

Intestine Small - Duodenum

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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Carcinoma	
Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA [ Hepatocellular Carcinoma TGLS = 2-3+10 ]			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC TGLs = 3-5+9			
Spleen		Hyperplasia	Lymphoid, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 324

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Tooth	Trachea
Urinary Bladder			

**MISSING**

Intestine Small - Duodenum	Ovary	Thymus
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**OBSERVATIONS**

Harderian Gland		Adenoma	
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Necrosis	Coagulative, Minimal
Pancreas		Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

[ Hyperplasia TGLS = 1-4+9 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 350MG/KG HIGHFEM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Heart  
Intestine Small - Ileum  
Lung  
Nose  
Salivary Glands  
Stomach - Glandular  
Trachea

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mandibular  
Pancreas  
Skeletal Muscle  
Thymus  
Urinary Bladder

Bone  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Lymph Node - Mesenteric  
Parathyroid Gland  
Skin  
Thyroid Gland

Bone Marrow  
Harderian Gland  
Intestine Large - Rectum  
Liver  
Mammary Gland  
Pituitary Gland  
Spleen  
Tooth

MISSING

Intestine Small - Duodenum

Ovary

OBSERVATIONS

Kidney  
Stomach  
Uterus

Renal Tubule  
Forestomach  
Endometrium

Karyomegaly  
Hyperplasia  
Histiocytic Sarcoma  
Hyperplasia

Minimal  
Squamous, Moderate  
Cystic, Mild

Note: HYPERPLASIA TGLs = 2-4+9

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 326	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Intestine Small - Duodenum	Lymph Node - Mandibular
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Ovary		Cyst	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-4+10 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 583

DOSE: 350MG/KG HIGHFEM

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Brain

Esophagus

Gallbladder

Harderian Gland

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lung

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Skeletal Muscle

Skin

Spleen

Stomach - Glandular

Thyroid Gland

Tooth

Trachea

Urinary Bladder

MISSING

Ovary

Thymus

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

OBSERVATIONS

Bone Marrow

Myelofibrosis

Minimal

Kidney

Renal Tubule

Karyomegaly

Minimal

Nephropathy

Minimal

Liver

Hepatocellular Carcinoma

Note: PROBABLE CAUSE OF DEATH-HEPATOCELLULAR CARCINOMA

[ Hepatocellular Carcinoma TGLS = 2-9 ]

Stomach

Forestomach

Hyperplasia

Squamous, Mild

Uterus

Endometrium

Hyperplasia

Cystic, Minimal

[ Hyperplasia TGLS = 1-10 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 328	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

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**MISSING**

Intestine Small - Duodenum	Mammary Gland	Ovary
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hepatocellular Carcinoma	
		Necrosis	Coagulative, Mild
[ Hepatocellular Carcinoma TGLS = 4-10 ]			
Lung	Arteriole	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 3-9 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[ Hyperplasia TGLS = 2-4 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 329

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Nose  
Salivary Glands  
Stomach - Forestomach  
Trachea

Adrenal Gland - Medulla  
Harderian Gland  
Intestine Large - Rectum  
Lymph Node - Mandibular  
Ovary  
Skeletal Muscle  
Stomach - Glandular  
Urinary Bladder

Bone  
Heart  
Intestine Small - Ileum  
Lymph Node - Mesenteric  
Pancreas  
Skin  
Thyroid Gland

Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Mammary Gland  
Pituitary Gland  
Spleen  
Tooth

**MISSING**

Intestine Small - Duodenum

Parathyroid Gland

Thymus

**OBSERVATIONS**

Bone Marrow  
Brain  
Kidney  
Liver  
Lung

Thalamus  
Renal Tubule

Myelofibrosis  
Mineralization  
Karyomegaly  
Clear Cell Focus  
Alveolar/Bronchiolar Adenoma

Minimal  
Minimal  
Minimal  
Minimal

[ Alveolar/Bronchiolar Adenoma TGLS = 4-9 ]

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[ Hyperplasia TGLS = 2,3-4+10+11 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 330	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 519
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Dead	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Gallbladder

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**AUTO PRECLUDES DIAG.**

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Stomach - Forestomach	Stomach - Glandular	

---

**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Polyp Stromal	

Note: PROBABLE CAUSE OF DEATH-ENDOMETR STROMAL POLYPUTERUS

[ Hyperplasia TGLS = 1-4 ]

[ Polyp Stromal TGLS = 2-4 ]

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 350MG/KG HIGHFEM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

MISSING

Intestine Small - Duodenum	Parathyroid Gland
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OBSERVATIONS

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Adenoma	
Kidney	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4+9 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 332      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 731  
**DOSE:** 350MG/KG HIGHFEM      **DISP:** Terminal Sacrifice      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skeletal Muscle
Skin	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Intestine Small - Duodenum	Pituitary Gland	Thymus
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**OBSERVATIONS**

Bone Marrow		Histiocytic Sarcoma	
Gallbladder		Histiocytic Sarcoma	
Kidney		Histiocytic Sarcoma	
	Renal Tubule	Karyomegaly	Minimal
Liver		Histiocytic Sarcoma	
Note: [ HISTIO SARC ] TGLs = 4,5-3+10			
Note: ACID FAST STAIN NEGATIVE FOR ORGANISMS			
Lung		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Note: [ HISTIO SARC ] TGLs = 6-13			
Pancreas		Histiocytic Sarcoma	
Spleen		Histiocytic Sarcoma	
Note: [ HISTIO SARC ] TGLs = 3-9			
Stomach	Glandular, Mucosa	Dilatation	Minimal
	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 7-14			
Uterus	Endometrium	Hyperplasia	Cystic, Marked
[ Hyperplasia TGLS = 1,2-4+11+12 ]			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 333      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 537  
**DOSE:** 350MG/KG HIGHFEM      **DISP:** Moribund      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

**MISSING**

Intestine Small - Duodenum	Ovary	Parathyroid Gland	Stomach - Glandular
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**OBSERVATIONS**

Bone Marrow		Mast Cell Tumor Malignant	
Kidney		Inflammation	Chronic, Marked
		Nephropathy	Moderate
Note: [ NEPHROPATHY ] TGLs = 2-3			
Note: PROBABLE CAUSE OF MORIBUNDITY-INFLAMMATION OF KIDNEY			
Liver		Inflammation	Chronic, Mild
Lymph Node	Mandibular	Mast Cell Tumor Malignant	
Pancreas	Acinus	Atrophy	Mild
Thymus		Cyst	Mild
		Mast Cell Tumor Malignant	
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 3-4			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 334

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tooth	Trachea	Urinary Bladder

**MISSING**

Intestine Small - Duodenum	Parathyroid Gland
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Pancreas	Acinus	Atrophy	Minimal
Thymus		Hyperplasia	Lymphoid, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 1-4+10 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 335	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea		

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**MISSING**

Intestine Small - Duodenum	Pituitary Gland	Urinary Bladder
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney		Nephropathy	Moderate
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 4-9			
Mammary Gland		Adenocarcinoma	
[ Adenocarcinoma TGLS = 1-10 ]			
Spleen		Hyperplasia	Lymphoid, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 3-4+11 ]			

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 336	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Skeletal Muscle	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Tooth	Trachea	Urinary Bladder

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**MISSING**

Intestine Small - Duodenum	Ovary	Salivary Glands
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**OBSERVATIONS**

Kidney	Renal Tubule	Karyomegaly	Minimal
Skin	Face	Inflammation	Acute, Mild
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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[ Hyperplasia TGLS = 1-4+10 ]

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:22

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 350MG/KG HIGHFEM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Gallbladder  
Intestine Large - Colon  
Liver  
Nose  
Pituitary Gland  
Stomach - Forestomach  
Tooth

Adrenal Gland - Medulla  
Harderian Gland  
Intestine Small - Ileum  
Lymph Node - Mandibular  
Ovary  
Salivary Glands  
Stomach - Glandular  
Trachea

Bone  
Heart  
Intestine Small - Jejunum  
Lymph Node - Mesenteric  
Pancreas  
Skin  
Thymus  
Urinary Bladder

Esophagus  
Intestine Large - Cecum  
Islets, Pancreatic  
Mammary Gland  
Parathyroid Gland  
Spleen  
Thyroid Gland

MISSING

Intestine Large - Rectum

Intestine Small - Duodenum

OBSERVATIONS

Bone Marrow  
Brain  
Kidney  
  
Lung  
[ Alveolar/Bronchiolar Adenoma TGLS = 3-9 ]  
Skeletal Muscle  
Uterus  
[ Hyperplasia TGLS = 2-4+10 ]

Thalamus  
Renal Tubule  
  
  
Head  
Endometrium

Myelofibrosis  
Mineralization  
Karyomegaly  
Metaplasia  
Alveolar/Bronchiolar Adenoma  
  
Inflammation  
Hyperplasia

Mild  
Minimal  
Minimal  
Osseous, Mild  
  
Acute, Moderate  
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 338      **TRT#:** 6      **SEX:** Female      **DAY ON TEST:** 731  
**DOSE:** 350MG/KG HIGHFEM      **DISP:** Terminal Sacrifice      **HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

**MISSING**

Intestine Small - Duodenum      Thymus

**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-9			
Liver		Hematopoietic Cell Proliferation	Minimal
Mammary Gland	Duct	Ectasia	Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 1-11 ]			
Spleen		Lymphoma Malignant Mixed	
[ Lymphoma Malignant Mixed TGLS = 2-10 ]			
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**      -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:22  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 339

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 706

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skeletal Muscle
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

**MISSING**

Intestine Large - Rectum	Intestine Small - Duodenum	Thymus
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Karyomegaly	Minimal
Salivary Glands		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibrosarcoma	Multiple
Note: PROBABLE CAUSE OF MORIBUNDITY-MULTIPLE FIBROSARCOMAS [ Fibrosarcoma TGLS = 1,3,4-9+11+12 ]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 2-4+10 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05042-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: tris(2-Chloroethyl) phosphate

CAS Number: 115-96-8

Date Report Requested: 10/20/2014

Time Report Requested: 20:32:23

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 350MG/KG HIGHFEM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Tooth	Trachea	Urinary Bladder	

OBSERVATIONS

Harderian Gland		Hyperplasia	Minimal
Kidney	Renal Tubule	Karyomegaly	Mild
Lung		Inflammation	Acute, Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 4-9		
Ovary		Cyst	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 3-4+10		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:23  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 341	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skeletal Muscle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

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**MISSING**

Intestine Small - Duodenum	Mammary Gland
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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
Skin		Inflammation	Chronic, Minimal
[ Inflammation TGLS = 1-10 ]			
Uterus	Endometrium	Adenocarcinoma	
	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4+9 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:23  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 342

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

**MISSING**

Intestine Small - Duodenum

**OBSERVATIONS**

Brain	Meninges	Inflammation	Chronic, Minimal
	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Mild
Mesentery	Fat	Necrosis	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[ Hyperplasia TGLS = 2-4+10 ]

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:23  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 343

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 627

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tooth
Trachea	Urinary Bladder		

**MISSING**

Intestine Small - Duodenum	Mammary Gland
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**OBSERVATIONS**

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Minimal
		Nephropathy	Mild
Note: [ NEPHROPATHY ] TGLs = 4-3			
Lung		Fibrosarcoma	Metastatic (Skin)
Mesentery		Fibrosarcoma	Metastatic (Skin)
Ovary	Periovarn Tiss	Inflammation	Chronic, Mild
Skin	Subcut Tiss	Fibrosarcoma	
Note: PROBABLE CAUSE OF MORIBUNDITY-FIBROSARCOMA			
[ Fibrosarcoma TGLS = 1-9 ]			
Spleen		Fibrosarcoma	Metastatic (Skin)
		Hematopoietic Cell Proliferation	Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4 ]			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:23  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 344

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 719

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Gavage Death

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Gallbladder  
Intestine Large - Rectum  
Liver  
Nose  
Salivary Glands  
Stomach - Forestomach  
Urinary Bladder

Adrenal Gland - Medulla  
Heart  
Intestine Small - Ileum  
Lymph Node - Mandibular  
Ovary  
Skeletal Muscle  
Stomach - Glandular

Bone  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mesenteric  
Pancreas  
Skin  
Tooth

Esophagus  
Intestine Large - Colon  
Islets, Pancreatic  
Mammary Gland  
Parathyroid Gland  
Spleen  
Trachea

**MISSING**

Intestine Small - Duodenum

Thymus

**OBSERVATIONS**

Bone Marrow  
Brain  
Harderian Gland  
Kidney  
Lung  
Pituitary Gland  
Thyroid Gland  
Uterus

Thalamus  
Renal Tubule  
Cortex  
Mediastinum  
Mediastinum  
Pars Distalis  
Follicular Cel  
Endometrium  
Endometrium

Myelofibrosis  
Mineralization  
Hyperplasia  
Karyomegaly  
Necrosis  
Foreign Body  
Inflammation  
Angiectasis  
Hyperplasia  
Hyperplasia  
Polyp Stromal

Mild  
Minimal  
Mild  
Minimal  
Coagulative, Mild  
Minimal  
Acute, Moderate  
Mild  
Minimal  
Cystic, Marked

Note: PROBABLE CAUSE OF MORIBUNDITY-GAVAGE ACCIDENT

Note: HYPERPLASIA TGLs = 3-4

Note: HYPERPLASIA TGLs = 3-4

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:23  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 345

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Salivary Glands
Skeletal Muscle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tooth	Trachea	

**MISSING**

Intestine Small - Duodenum	Parathyroid Gland	Thyroid Gland
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**OBSERVATIONS**

Harderian Gland		Adenoma	
Kidney	Renal Tubule	Karyomegaly	Mild
		Nephropathy	Minimal
Liver		Hepatocellular Adenoma	
Lung		Inflammation	Chronic, Moderate
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 4-10			
Ovary		Cyst	Moderate
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
Skin		Inflammation	Chronic, Minimal
[ Inflammation TGLS = 1-11 ]			
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	
[ Hyperplasia TGLS = 3-4 ]			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:23  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 346

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 670

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Moribund

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	

**MISSING**

Intestine Small - Duodenum      Ovary

**OBSERVATIONS**

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Moderate
Brain	Thalamus	Mineralization	Minimal
Ear		Squamous Cell Carcinoma	
Note: PROBABLE CAUSE OF MORIBUNDITY-SQUAMOUS CELL CARCINOMA [ Squamous Cell Carcinoma TGLs = 1-9 ]			
Heart		Inflammation	Subacute, Moderate
	Myocardium	Necrosis	Zenkers, Moderate
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Lung		Squamous Cell Carcinoma	Metastatic (Ear)
Note: SQUAM CEL CARC    TGLs = 2-5			
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL    TGLs = 4-10			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
Note: HYPERPLASIA    TGLs = 3-4			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:23  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 347	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Kidney	Renal Tubule	Karyomegaly	Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
Skeletal Muscle		Inflammation	Chronic, Mild
Uterus	Endometrium	Hyperplasia	Cystic, Moderate

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:23  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 348

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 676

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Dead

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tooth	Trachea	Urinary Bladder	Uterus

**MISSING**

Pituitary Gland

**AUTO PRECLUDES DIAG.**

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

Brain	Thalamus	Mineralization	Minimal
Ear		Fibrosarcoma	
[ Fibrosarcoma TGLS = 1-10 ]			
Harderian Gland		Adenoma	
Kidney	Renal Tubule	Karyomegaly	Minimal
Liver		Necrosis	Coagulative, Moderate
Note: NECROSIS TGLs = 6-3			
Note: PROBABLE CAUSE OF DEATH-HEPATIC NECROSIS-ISCHEMIC TYPE			
Lung		Leukocytosis	Marked
Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Mild
Note: NECROSIS TGLs = 5-9			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:23  
**First Dose M/F:** NA / NA  
**Lab:** MBA

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<b>ANIMAL ID:</b> 349	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 731
	<b>DOSE:</b> 350MG/KG HIGHFEM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b>

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Tooth	Trachea
Urinary Bladder			

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**MISSING**

Lymph Node - Mandibular

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**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Karyomegaly	Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-9 ]			
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[ Hyperplasia TGLS = 2-4 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05042-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** tris(2-Chloroethyl) phosphate  
**CAS Number:** 115-96-8

**Date Report Requested:** 10/20/2014  
**Time Report Requested:** 20:32:23  
**First Dose M/F:** NA / NA  
**Lab:** MBA

**ANIMAL ID:** 350

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 350MG/KG HIGHFEM

**DISP:** Terminal Sacrifice

**HISTO:**

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Heart  
Intestine Small - Ileum  
Lymph Node - Mandibular  
Pancreas  
Skin  
Thyroid Gland

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Lymph Node - Mesenteric  
Pituitary Gland  
Stomach - Forestomach  
Tooth

Bone  
Gallbladder  
Intestine Large - Colon  
Islets, Pancreatic  
Mammary Gland  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Bone Marrow  
Harderian Gland  
Intestine Large - Rectum  
Lung  
Nose  
Skeletal Muscle  
Thymus

**MISSING**

Intestine Small - Duodenum

Ovary

Parathyroid Gland

**OBSERVATIONS**

Kidney  
Liver  
Spleen  
Trachea  
Uterus

Renal Tubule  
  
Glands  
Cervix  
Endometrium

Karyomegaly  
Inflammation  
Hyperplasia  
Dilatation  
Hemangiosarcoma  
Hyperplasia

Mild  
Subacute, Minimal  
Lymphoid, Mild  
Mild  
Cystic, Mild

[ Hyperplasia TGLS = 2-4 ]

**PRIMARY CAUSE OF DEATH**

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

\* PROTOCOL REQUIRED TISSUE