

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**C Number:** C56086

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Male

**Experiment Number:** C56086  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Ampicillin trihydrate  
**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:28:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Liver		Congestion, Acute Passive Cytoplasmic Change, Basophilic
Lung		Congestion, Acute Passive Inflammation, Chronic Focal
Prostate	Prostatic Urethra	Cast, Nos Inflammation, Chronic Focal
Stomach	Cardiac Stomach Cardiac Stomach	Acanthosis Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus		Hemorrhage
Thyroid		Follicular-Cell Adenoma
Unspecified	Abdomen	Inflammation, Chronic Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Brain		Hemorrhage
	Cerebellum Nos	Malacia
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Prostate		Abscess, Nos
Salivary gland		Hyperplasia, Focal
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Acute/Chronic
Salivary gland		Hyperplasia, Focal
		Inflammation, Chronic Diffuse
Testis		Hyperplasia, Interstitial Cell
Unspecified	Back	Fibroma
	Abdominal Cavity	Lipoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Focal Cellular Change

Kidney

Cortex Nos

Hyperplasia, Focal

Liver

Hepatocytes

Hemorrhage

Pituitary gland

Anterior Pituitary

Nephropathy

Prostate

Prostatic Urethra

Cytoplasmic Vacuolization

Adenoma, Nos

Cast, Nos

Testis

Prostatic Urethra

Hyperplasia, Epithelial

Inflammation, Acute/Chronic

Urinary bladder

Interstitial-Cell Tumor

Hyperplasia, Diffuse

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lymph node	Mandibular Lymph Node	Erythrophagocytosis
	Thymic Lymph Node	Hemosiderosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Lung

Hyperplasia, Alveolar Epithelium

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Islets

Islet-Cell Adenoma

Anterior Pituitary

Hemorrhage

Anterior Pituitary

Hyperplasia, Focal

Prostate

Inflammation, Acute/Chronic

Testis

Hyperplasia, Interstitial Cell

Urinary bladder

Interstitial-Cell Tumor

Cast, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Inflammation, Granulomatous Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Inflammation, Chronic Focal Metaplasia, Nos
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Hyperplasia, Focal  
Lymphocytic Inflammatory Infiltrate  
Nephropathy

Liver  
Lung  
Lymph node  
Pituitary gland  
Preputial gland

Mandibular Lymph Node  
Anterior Pituitary

Cytoplasmic Change, Basophilic  
Inflammation, Chronic Focal  
Plasmacytosis  
Hyperplasia, Focal  
Hyperkeratosis

Spleen  
Testis

Capsule

Inflammation, Acute/Chronic  
Fibrosis, Multifocal  
Hyperplasia, Interstitial Cell  
Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Prostate

Prostatic Urethra

Cast, Nos

Inflammation, Acute/Chronic

Spleen

Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate	Prostatic Urethra	Cast, Nos
		Inflammation, Chronic Focal
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Unspecified	Axilla	Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver	Hepatocytes	Cytoplasmic Vacuolization
Spleen		Hemosiderosis
Thymus		Hemorrhage

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Accessory Structure Hyperplasia, Focal Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Lymphocytic Inflammatory Infiltrate Nephropathy
Liver		Clear-Cell Change Hyperplasia, Focal
Lymph node	Bile Duct Mandibular Lymph Node	Plasmacytosis
Pancreas	Acinus	Lymphocytic Inflammatory Infiltrate
Prostate		Inflammation, Acute/Chronic
Skin	Abdomen	Basal-Cell Tumor
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Focal Cellular Change Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Fibrosis, Multifocal
Pancreas	Bile Duct Acinus	Hyperplasia, Focal Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Adenoma, Nos
	Prostatic Urethra	Cast, Nos
Thyroid		Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Hemorrhage, Chronic Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Inflammation, Acute/Chronic
Skin	Back	Squamous Cell Papilloma
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
	Cardiac Stomach	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Medulla

Hyperplasia, Focal  
Pheochromocytoma

Bone marrow

Hyperplasia, Hematopoietic

Kidney

Nephropathy

Salivary gland

Inflammation, Chronic Focal

Testis

Hyperplasia, Interstitial Cell

Unspecified

Thorax  
Abdomen  
Multiple Organs Nos

Fibroma  
Inflammation, Chronic Focal  
Leukemia, Lymphocytic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
Lung		Inflammation, Chronic Focal
Lymph node	Pancreatic Lymph Node	Edema, Nos
	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Ampicillin trihydrate  
**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:28:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Liver

Medulla  
Myocardium Nos

Hepatocytes

Pituitary gland  
Stomach  
Testis

Anterior Pituitary

Pheochromocytoma  
Degeneration, Nos  
Nephropathy  
Cytoplasmic Change, Basophilic  
Cytoplasmic Vacuolization  
Inflammation, Granulomatous Focal  
Hyperplasia, Focal  
Inflammation, Chronic Focal  
Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Dosing Accident

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Focal

Inflammation, Acute/Chronic

Lung

Congestion, Acute Passive

Foreign Material, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Focal Cellular Change Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Cyst, Nos Nephropathy
Liver		Clear-Cell Change
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Hemorrhage
Prostate		Inflammation, Acute/Chronic
Salivary gland		Inflammation, Chronic Diffuse Metaplasia, Nos
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.5 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Focal Cellular Change Hyperplasia, Focal
Brain	Thalamus	Malacia
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lymph node	Thymic Lymph Node Mandibular Lymph Node	Erythrophagocytosis Inflammation, Chronic Focal
Pancreas	Acinus	Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Prostate	Prostatic Urethra Prostatic Urethra	Cast, Nos Inflammation, Acute
Stomach	Cardiac Stomach Cardiac Stomach	Inflammation, Acute/Chronic Hyperkeratosis Hyperplasia, Epithelial
	Muscularis	Infection, Fungal Inflammation, Acute/Chronic
Testis	Serosa	Inflammation, Focal Atrophy, Nos
Thyroid		Hyperplasia, Interstitial Cell C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Cortical Adenoma

Bone marrow

Pheochromocytoma

Kidney

Hyperplasia, Hematopoietic

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Focal

Inflammation, Granulomatous Focal

Seminal vesicle

Atrophy, Nos

Spleen

Hyperplasia, Lymphoid

Testis

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.5 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Epididymis		Mesothelioma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
		Pyelonephritis, Acute
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lymph node	Mandibular Lymph Node	Edema, Nos
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mandibular Lymph Node	Plasmacytosis
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Hyperplasia, Focal
		Inflammation, Acute/Chronic
Salivary gland		Dilatation, Ducts
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Focal Cellular Change

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Lung

Histiocytosis

Pancreas

Acinus

Atrophy, Focal

Acinus

Inflammation, Chronic Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Prostate

Inflammation, Chronic Focal

Stomach

Inflammation, Chronic Focal

Urinary bladder

Transitional-Cell Papilloma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Brain

Heart

Testis

Unspecified

Cerebellum Nos

Myocardium Nos

Left Ventricle Nos

Multiple Organs Nos

Hyperplasia, Hematopoietic

Granular-Cell Tumor, Nos

Degeneration, Nos

Hyperplasia, Focal

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Ampicillin trihydrate  
**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:28:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Cortical Adenoma

Bone marrow

Pheochromocytoma

Heart

Hyperplasia, Hematopoietic

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Bile Duct

Nephropathy

Lung

Hyperplasia, Focal

Pancreas

Acinus

Hyperplasia, Alveolar Epithelium

Prostate

Atrophy, Focal

Skin

Inflammation, Chronic Focal

Testis

Basal-Cell Tumor

Hyperplasia, Interstitial Cell

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Bone marrow

Heart

Kidney

Pancreas

Testis

Unspecified

Myocardium Nos

Acinus

Multiple Organs Nos

Hyperplasia, Hematopoietic

Degeneration, Nos

Nephropathy

Atrophy, Focal

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Hemorrhage

Bone marrow

Medulla

Hyperplasia, Focal

Kidney

Hyperplasia, Hematopoietic

Liver

Nephropathy

Cell-Size Alteration

Lung

Cytoplasmic Change, Basophilic

Prostate

Alveolar/Bronchiolar Adenoma

Hyperplasia, Focal

Testis

Inflammation, Acute/Chronic

Trachea

Hyperplasia, Interstitial Cell

Unspecified

Inflammation, Chronic Focal

Abdomen

Myxosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Neoplastic Nodule
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Prostate		Inflammation, Acute/Chronic
Salivary gland		Hyperplasia, Diffuse
Spleen		Inflammation, Chronic Focal
Stomach		Hyperplasia, Hematopoietic
Testis		Leiomyosarcoma
		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leiomyosarcoma, Metastatic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Lymphocytic Inflammatory Infiltrate
		Nephropathy
Liver		Clear-Cell Change
Preputial gland		Adenocarcinoma, Nos
Prostate		Inflammation, Acute/Chronic
Salivary gland		Inflammation, Acute/Chronic
		Metaplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Dosing Accident

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Esophagus

Foreign Body, Vegetable

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Lung

Bile Duct

Hyperplasia, Focal

Congestion, Acute Passive

Foreign Body, Nos

Pituitary gland

Anterior Pituitary

Histiocytosis

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Lymphocytic Inflammatory Infiltrate
		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Chronic Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Skin	Thorax	Squamous Cell Papilloma
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Salivary gland		Metaplasia, Nos
Skin	Thorax	Inflammation, Chronic Focal
	Thorax	Papilloma, Nos
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Infarct, Focal
		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Chronic Focal
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas	Islets	Hyperplasia, Focal
Prostate	Prostatic Urethra	Cast, Nos
		Inflammation, Chronic Focal
Skin	Back	Fibroma
	Back	Squamous Cell Papilloma
Testis	Tubule	Atrophy, Diffuse
		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Inflammation, Acute/Chronic
Skin	Back	Basal-Cell Tumor
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Heart  
Kidney  
Pancreas  
Pituitary gland  
Prostate  
Unspecified

Medulla  
  
  
Acinus  
Anterior Pituitary  
  
Multiple Organs Nos

Pheochromocytoma  
Hyperplasia, Hematopoietic  
Neurilemoma, Malignant  
Nephropathy  
Inflammation, Chronic Focal  
Adenoma, Nos  
Inflammation, Acute/Chronic  
Neurilemoma, Metastatic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.5 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Rectum	Hyperplasia, Diffuse
Kidney		Nephropathy Pyelonephritis, Acute
Liver	Hepatocytes Bile Duct	Amyloidosis Cytoplasmic Vacuolization Hyperplasia, Focal
Prostate		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Stomach	Cardiac Stomach Cardiac Stomach Cardiac Stomach Cardiac Stomach Cardiac Stomach	Erosion Hyperkeratosis Hyperplasia, Diffuse Inflammation, Acute Focal Ulcer, Nos
Testis		Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Liver

Medulla  
Myocardium Nos

Pheochromocytoma  
Degeneration, Nos  
Nephropathy  
Cholesterol Deposit  
Cytoplasmic Change, Basophilic  
Cytoplasmic Vacuolization  
Hyperplasia, Focal  
Hyperplasia, Focal  
Hyperplasia, Focal  
Cast, Nos  
Hyperplasia, Focal  
Inflammation, Acute/Chronic  
Interstitial-Cell Tumor  
Thymoma, Benign

Pancreas  
Pituitary gland  
Prostate

Hepatocytes  
Bile Duct  
Islets  
Anterior Pituitary  
Prostatic Urethra

Testis  
Thymus

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Testicular Artery	Inflammation, Chronic Diffuse
Brain	Thalamus	Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
Lung		Inflammation, Chronic Focal
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Prostate		Inflammation, Acute/Chronic
Testis	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Chronic Focal
Lymph node	Thymic Lymph Node	Cyst, Nos
	Renal Lymph Node	Dilatation, Sinus
	Renal Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
		Inflammation, Granulomatous Focal
Salivary gland		Inflammation, Chronic Focal
		Metaplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Focal Cellular Change Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Inflammation, Granulomatous Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Inflammation, Acute/Chronic
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Focal Cellular Change

Brain

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Hemorrhage

Kidney

Degeneration, Nos

Cyst, Nos

Lymph node

Mandibular Lymph Node

Nephropathy

Pituitary gland

Anterior Pituitary

Plasmacytosis

Prostate

Adenoma, Nos

Stomach

Cardiac Stomach

Inflammation, Acute/Chronic

Testis

Cardiac Stomach

Hyperkeratosis

Thyroid

Cardiac Stomach

Hyperplasia, Epithelial

Inflammation, Acute Focal

Interstitial-Cell Tumor

Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos Medulla	Accessory Structure Degeneration, Lipoid Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos Mesentery Nos	Inflammation, Chronic Focal Necrosis, Fat
Kidney		Inflammation, Chronic Focal Nephropathy
Liver		Clear-Cell Change Cytoplasmic Change, Basophilic
Pituitary gland	Bile Duct	Hyperplasia, Focal
Preputial gland	Anterior Pituitary	Adenoma, Nos
Prostate		Fibrosarcoma, Uncertain Primary Or Metastatic
Seminal vesicle		Inflammation, Acute/Chronic
Stomach	Cardiac Stomach	Hyperplasia, Diffuse
Urinary bladder	Mucosa	Hyperplasia, Epithelial Erosion

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Focal
Lung		Congestion, Acute Passive
Testis		Atrophy, Diffuse
		Interstitial-Cell Tumor
Thymus		Hemorrhage

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain		Astrocytoma
Heart	Myocardium Nos	Degeneration, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
Salivary gland		Cytoplasmic Vacuolization
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Inflammation, Acute/Chronic
Thyroid		Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Lung		Inflammation, Chronic Focal
Mammary gland		Hyperplasia, Focal
Prostate	Prostatic Urethra	Cast, Nos
		Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Inflammation, Granulomatous Focal

Pancreas

Duct Nos

Hyperplasia, Focal

Prostate

Inflammation, Acute/Chronic

Stomach

Cardiac Stomach

Hyperplasia, Epithelial

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Atypia, Nos
	Cortex Nos	Hypertrophy, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Foreign Body, Nos
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Adenoma, Nos
Salivary gland		Inflammation, Chronic Focal
		Metaplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Ear	Fibroma

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.5 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Inflammation, Acute Focal Nephropathy
Liver		Clear-Cell Change Hematopoiesis
Lymph node	Hepatocytes	Hyperplasia, Focal
	Thymic Lymph Node	Congestion, Acute Passive
	Bronchial Lymph Node	Edema, Nos
	Bronchial Lymph Node	Histiocytosis
	Mandibular Lymph Node	Histiocytosis
	Thymic Lymph Node	Histiocytosis
Prostate		Inflammation, Acute Focal
Skin	Shoulder	Basal-Cell Tumor
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
Unspecified	Mediastinum Nos	Hemorrhage
	Abdominal Cavity	Inflammation, Acute Focal
Urinary bladder		Inflammation, Acute Diffuse

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 001.5 G/KG

**DISP:** Dosing Accident

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Liver		Congestion, Acute Passive
Lung		Congestion, Acute Passive
		Foreign Body, Vegetable
		Hemorrhage
Prostate	Prostatic Urethra	Cast, Nos
		Inflammation, Acute Focal
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Inflammation, Chronic Focal
Unspecified	Mediastinum Nos	Foreign Body, Vegetable

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_001

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain		Hydrocephalus, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Acanthosis
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Inflammation, Chronic Focal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
Mammary gland		Hyperplasia, Diffuse
Pancreas	Acinus	Atrophy, Focal
	Acinus	Inflammation, Chronic Focal
Spleen		Hemangiosarcoma
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_003

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pancreas	Acinus	Atrophy, Focal
	Acinus	Inflammation, Chronic Focal
Salivary gland		Metaplasia, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Ampicillin trihydrate  
**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:28:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 750.0 MG/KG

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

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Brain	Thalamus	Atrophy, Pressure Hydrocephalus, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Thymic Lymph Node	Erythrophagocytosis
	Mandibular Lymph Node	Plasmacytosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
Thyroid		C-Cell Adenoma Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Ampicillin trihydrate  
**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:28:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 750.0 MG/KG

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

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland		Atypia, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Adenoma
		Congestion, Acute Passive
Mammary gland		Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Urinary bladder	Mucosa	Erosion
		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_006

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Pancreas

Acinus

Atrophy, Focal

Islets

Hyperplasia, Focal

Acinus

Inflammation, Chronic Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Prostate

Inflammation, Chronic Focal

Skin

Tail

Squamous Cell Papilloma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_007

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Acute/Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Lymph node	Thymic Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Adenocarcinoma, Nos
Prostate		Inflammation, Chronic Focal
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
	Serosa	Inflammation, Chronic Focal
		Inflammation, Chronic Focal
		Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 750.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
		Inflammation, Granulomatous Focal
Mammary gland		Hyperplasia, Cystic
		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hemorrhage, Chronic
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
Unspecified	Adipose Tissue	Fibrosis, Multifocal
	Adipose Tissue	Hemorrhage
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 750.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Intestine Small	Mesentery Nos	Inflammation, Chronic Focal
	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Granulomatous Focal
Lymph node	Thymic Lymph Node	Hemorrhage
	Mandibular Lymph Node	Plasmacytosis
Pancreas	Acinus	Atrophy, Focal
	Islets	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate	Prostatic Urethra	Cast, Nos
		Inflammation, Acute/Chronic
Salivary gland		Inflammation, Chronic Focal
		Metaplasia, Nos
Skin	Abdomen	Hyperkeratosis
	Abdomen	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Mediastinum Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_010

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver

Necrosis, Coagulative

Lung

Hemorrhage

Spleen

Inflammation, Granulomatous Focal

Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_011

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
Lung		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Cyst, Nos
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 750.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Hyperplasia, Epithelial Nephropathy Pyelonephritis, Acute
Liver	Bile Duct	Cytoplasmic Change, Basophilic
	Bile Duct	Fibrosis, Focal Hyperplasia, Focal
Lung	Spinal Nerve Nos	Alveolar/Bronchiolar Adenoma
Nerve, peripheral		Degeneration, Wallerian
Skeletal muscle		Chordoma
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
	Cardiac Stomach	Ulcer, Nos
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Urinary bladder	Serosa	Erosion Hyperplasia, Epithelial Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_013

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Focal Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Chronic Focal
Salivary gland		Metaplasia, Nos
Skin	Foot And Toe Nos	Squamous Cell Papilloma
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Interstitial-Cell Tumor Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Heart

Lymph node

Prostate

Skin

Spleen

Testis

Myocardium Nos

Renal Lymph Node

Prostatic Urethra

Head

Hyperplasia, Hematopoietic

Degeneration, Nos

Erythrophagocytosis

Cast, Nos

Basal-Cell Carcinoma

Hematopoiesis

Hyperplasia, Interstitial Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Medulla

Hyperplasia, Focal

Medulla

Pheochromocytoma

Brain

Meninges

Inflammation, Chronic Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Focal

Pancreas

Acinus

Inflammation, Chronic Focal

Prostate

Inflammation, Acute/Chronic

Salivary gland

Inflammation, Chronic Focal

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Bone marrow

Hyperplasia, Hematopoietic

Heart

Myocardium Nos

Degeneration, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_017

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cyst, Hemorrhagic

Heart

Cortex Nos

Focal Cellular Change

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Nephropathy

Clear-Cell Change

Cytoplasmic Change, Basophilic

Lymph node

Bile Duct

Hyperplasia, Focal

Pituitary gland

Mandibular Lymph Node

Hyperplasia, Lymphoid

Salivary gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Hyperplasia, Focal

Testis

Atrophy, Nos

Hyperplasia, Interstitial Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_018

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Granulomatous Focal
Lymph node	Thymic Lymph Node	Hemorrhage
	Mandibular Lymph Node	Plasmacytosis
Pancreas	Duct Nos	Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Focal
Seminal vesicle		Atrophy, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_019

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Prostate		Inflammation, Acute/Chronic
Salivary gland		Atrophy, Focal
Skin	Abdomen	Hyperkeratosis
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Clear-Cell Change

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Focal

Lung

Inflammation, Granulomatous Focal

Pituitary gland

Anterior Pituitary

Cyst, Multiple

Prostate

Inflammation, Acute/Chronic

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_021

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lymph node

Pituitary gland

Skin

Testis

Thyroid

Cortex Nos

Myocardium Nos

Left Atrium Nos

Bile Duct

Mandibular Lymph Node

Anterior Pituitary

Back

Focal Cellular Change

Degeneration, Nos

Thrombus, Organized

Nephropathy

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Hyperplasia, Lymphoid

Adenoma, Nos

Keratoacanthoma

Hyperplasia, Interstitial Cell

Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Ampicillin trihydrate  
**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:28:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 750.0 MG/KG

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

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Focal Cellular Change Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change Cytoplasmic Change, Basophilic Hematopoiesis
	Bile Duct	Hyperplasia, Focal Inflammation, Granulomatous Focal
Lung		Alveolar/Bronchiolar Adenoma Inflammation, Chronic Focal
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Inflammation, Acute/Chronic
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Necrosis, Diffuse

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_024

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Acute/Chronic
	Mesentery Nos	Necrosis, Fat
Liver		Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Focal
		Necrosis, Coagulative
Skeletal muscle	Abdominal Muscle	Sarcoma, Nos
Trachea	Gland	Dilatation, Nos
Unspecified	Multiple Organs Nos	Sarcoma, Nos, Metastatic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_025

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
	Left Ventricle Nos	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis, Focal
		Hematopoiesis
		Inflammation, Granulomatous Focal
Lymph node	Thymic Lymph Node	Erythrophagocytosis
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Acute/Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Bone marrow		Hyperplasia, Hematopoietic
Esophagus		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
Spleen		Depletion, Lymphoid
Testis		Hyperplasia, Interstitial Cell
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_027

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Accessory Structure
Esophagus		Hyperkeratosis
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Inflammation, Pyogranulomatous
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Inflammation, Active Chronic
Spleen		Hemosiderosis
Stomach	Cardiac Stomach	Acanthosis
	Submucosa	Fibrosis, Diffuse
	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Inflammation, Acute Focal
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_028

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Mammary gland		Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
	Islets	Hyperplasia, Focal
	Peripancreatic Tissue	Inflammation, Acute/Chronic
	Acinus	Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Hemorrhage
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Prostate		Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_030

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Focal Cellular Change Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Cyst, Nos Nephropathy
Liver		Clear-Cell Change Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
Salivary gland		Metaplasia, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Salivary gland		Hyperplasia, Focal
Skin	Hip	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Malignant
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Multiple Organs Nos	Mesothelioma, Metastatic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_032

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Intestine Large

Colon

Dilatation, Nos

Kidney

Colon

Hyperplasia, Diffuse

Liver

Nephropathy

Nephrosis, Hydro

Lung

Bile Duct

Cytoplasmic Change, Basophilic

Pituitary gland

Hyperplasia, Focal

Prostate

Anterior Pituitary

Hemorrhage

Spleen

Prostatic Urethra

Adenoma, Nos

Unspecified

Inflammation, Acute

Urinary bladder

Abdominal Cavity

Inflammation, Acute Diffuse

Hemosiderosis

Mucosa

Undifferentiated Carcinoma

Hemorrhage

Hyperplasia, Epithelial

Inflammation, Acute Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Ampicillin trihydrate  
**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:28:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 750.0 MG/KG

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

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Fibrosis, Focal
	Bile Duct	Hyperplasia, Focal
Pancreas	Islets	Hyperplasia, Focal
Prostate		Inflammation, Acute/Chronic
Seminal vesicle		Atrophy, Nos
Skin	Abdomen	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Neck	Fibrosarcoma
	Multiple Organs Nos	Fibrosarcoma, Metastatic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Mammary gland		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Prostate		Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_035

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Small

Medulla  
Myocardium Nos  
Mesentery Nos  
Mesentery Nos

Kidney  
Liver

Pheochromocytoma, Malignant  
Degeneration, Nos  
Inflammation, Chronic Focal  
Necrosis, Fat  
Nephropathy  
Clear-Cell Change  
Cytoplasmic Change, Basophilic  
Hyperplasia, Focal  
Hyperplasia, Lymphoid  
Atrophy, Focal  
Inflammation, Acute/Chronic  
Fibrosis, Multifocal  
Interstitial-Cell Tumor

Lymph node  
Pancreas  
Prostate  
Salivary gland  
Testis

Bile Duct  
Mandibular Lymph Node  
Acinus  
  
Parotid Gland Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_036

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Inflammation, Granulomatous Focal
Lymph node	Thymic Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Inflammation, Acute/Chronic
Salivary gland	Salivary Mucous Gland	Inflammation, Chronic Focal
	Salivary Mucous Gland	Metaplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Adipose Tissue	Hemorrhage, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_038

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Chronic Diffuse
	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Hemorrhage
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Trachea	Gland	Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_039

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung

Congestion, Acute Passive

Stomach

Cardiac Stomach

Edema, Nos

Hyperkeratosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 750.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Eye	Crystalline Lens	Cataract
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Chronic Focal
	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Focal
Lung		Congestion, Acute Passive
Lymph node	Pancreatic Lymph Node	Hemorrhage
	Thymic Lymph Node	Hemorrhage
	Mandibular Lymph Node	Plasmacytosis
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
Lung		Congestion, Acute Passive
Prostate	Prostatic Urethra	Cast, Nos
		Inflammation, Chronic Focal
Unspecified	Abdomen	Steatitis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_042

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Hematopoiesis
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_043

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Penis

Papilloma, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_044

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Small

Medulla  
Myocardium Nos  
Mesentery Nos  
Mesentery Nos

Kidney  
Liver  
Lung  
Pituitary gland  
Testis

Hepatocytes  
  
Anterior Pituitary

Hyperplasia, Focal  
Degeneration, Nos  
Inflammation, Chronic Focal  
Necrosis, Fat  
Nephropathy  
Cytoplasmic Vacuolization  
Inflammation, Granulomatous Focal  
Adenoma, Nos  
Hyperplasia, Interstitial Cell  
Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow  
Heart  
Intestine Large  
Kidney  
Liver

Myocardium Nos  
Colon

Hyperplasia, Hematopoietic  
Degeneration, Nos  
Parasitism  
Nephropathy  
Clear-Cell Change  
Cytoplasmic Change, Basophilic  
Fibrosis, Focal  
Necrosis, Coagulative  
Interstitial-Cell Tumor  
Leukemia, Mononuclear Cell

Bile Duct

Testis  
Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_046

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Perirenal Tissue	Hemorrhage
	Perirenal Tissue	Inflammation, Chronic Focal
		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Chronic Focal
Parathyroid gland		Adenoma, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Prostate	Prostatic Urethra	Cast, Nos
		Inflammation, Chronic Focal
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Thymus		Hyperplasia, Epithelial
Unspecified	Abdominal Cavity	Hemorrhage
Urinary bladder		Cast, Nos
	Mucosa	Erosion

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_047

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Brain		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Cecum, Colon Colon	Edema, Nos Hyperplasia, Lymphoid
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Pancreas	Acinus Islets	Atrophy, Focal Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Prostate		Inflammation, Acute/Chronic
Salivary gland		Inflammation, Chronic Diffuse
Unspecified	Adipose Tissue Multiple Organs Nos	Inflammation, Chronic Focal Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 2\_048

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Prostate		Abscess, Nos
Spleen		Amyloidosis
		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_049

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Focal Cellular Change
Bone	Skull	Osteosclerosis
Bone marrow		Hemorrhage
		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Cyst, Nos
		Nephropathy
Liver		Hematopoiesis
	Bile Duct	Hyperplasia, Focal
Lung	Pleura Nos	Mesothelioma, Metastatic
Lymph node	Thymic Lymph Node	Hemorrhage
		Hemorrhage
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Inflammation, Acute Focal
Spleen		Hematopoiesis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Thoracic Cavity Nos	Mesothelioma, Malignant

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 2\_050

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 750.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Chronic Diffuse
	Mesentery Nos	Inflammation, Diffuse
	Mesentery Nos	Mineralization
	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Hemorrhage
		Inflammation, Chronic Focal
Lymph node	Renal Lymph Node	Hemorrhage
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Prostate		Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 3\_001

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Brain	Thalamus Thalamus	Atrophy, Pressure Carcinoma, Nos, Invasive Hemorrhage Hydrocephalus, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver	Bile Duct	Congestion, Acute Passive Hyperplasia, Focal
Lung		Congestion, Acute Passive Inflammation, Chronic Focal
Lymph node	Thymic Lymph Node	Hemorrhage
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Prostate	Prostatic Urethra	Cast, Nos Inflammation, Acute Focal
Spleen		Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Eye	Retina	Cataract Degeneration, Nos Hemorrhage Synechia, Posterior
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Granulomatous Focal Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate	Prostatic Urethra	Cast, Nos Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 3\_003

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Liver

Lung

Testis

Unspecified

Bile Duct

Abdomen

Nephropathy

Clear-Cell Change

Cytoplasmic Change, Basophilic

Hyperplasia, Focal

Histiocytosis

Hyperplasia, Interstitial Cell

Fibroma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye	Retina	Cataract
		Degeneration, Nos
		Hemorrhage
Heart	Myocardium Nos	Synechia, Posterior
Kidney		Degeneration, Nos
Liver		Nephropathy
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Adenoma, Nos
		Inflammation, Chronic Focal
Seminal vesicle		Atrophy, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_005

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Granulomatous Focal
Salivary gland		Inflammation, Chronic Focal
Seminal vesicle		Cast, Nos
Skin	Abdomen	Hyperkeratosis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_006

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Eye

Medulla

Hyperplasia, Focal  
Cataract

Retina

Degeneration, Nos  
Hemorrhage

Heart  
Intestine Small  
Kidney  
Liver

Myocardium Nos

Synechia, Posterior

Mesentery Nos

Degeneration, Nos

Necrosis, Fat

Nephropathy

Cytoplasmic Change, Basophilic

Cytoplasmic Change, Eosinophilic

Bile Duct

Hyperplasia, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Salivary gland

Parotid Gland Nos

Atrophy, Focal

Lymphocytic Inflammatory Infiltrate

Testis

Metaplasia, Nos

Trachea

Gland

Hyperplasia, Interstitial Cell

Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_007

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Eye

Medulla

Hyperplasia, Focal  
Cataract

Retina

Degeneration, Nos  
Hemorrhage

Heart  
Kidney

Myocardium Nos

Synechia, Posterior  
Degeneration, Nos

Liver  
Lung

Nephropathy  
Cytoplasmic Change, Basophilic  
Alveolar/Bronchiolar Adenoma

Lymph node

Mandibular Lymph Node

Plasmacytosis

Pancreas

Islets

Hyperplasia, Focal

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Salivary gland

Inflammation, Chronic Diffuse

Spleen

Hemorrhage

Testis

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_008

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Crystalline Lens Retina	Cataract Degeneration, Nos Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Inflammation, Granulomatous Focal
Lymph node	Thymic Lymph Node	Plasmacytosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
Skin	Tail	Squamous Cell Papilloma
Stomach	Cardiac Stomach Cardiac Stomach	Hyperkeratosis Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_009

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Cerebellum Nos	Malacia
Eye	Retina	Degeneration, Nos Hemorrhage, Chronic Synechia, Anterior
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Granulomatous Focal
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hemorrhage
	Anterior Pituitary	Necrosis, Focal
Prostate	Prostatic Urethra	Cast, Nos
	Prostatic Urethra	Erosion
		Hyperplasia, Focal
Thymus		Inflammation, Acute/Chronic Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Hemorrhage
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
		Hemorrhage, Chronic
Heart	Myocardium Nos	Synechia, Posterior
Kidney		Degeneration, Nos
Liver		Nephropathy
		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Granulomatous Focal
Pancreas	Acinus	Atrophy, Focal
	Acinus	Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Inflammation, Chronic Focal
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Unspecified	Flank	Fibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Ampicillin trihydrate  
**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:28:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_011

**TRT#:** 3  
**DOSE:** 0

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

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Eye	Retina	Cataract Degeneration, Nos Synechia, Posterior
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change Cytoplasmic Change, Basophilic Hyperplasia, Focal
Lung	Bile Duct	Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Plasmacytosis
Pancreas	Acinus	Atrophy, Diffuse
	Acinus	Inflammation, Chronic Diffuse
Salivary gland		Metaplasia, Nos
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_012

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow

Hemorrhage

Heart

Myocardium Nos

Necrosis, Focal

Kidney

Degeneration, Nos

Lung

Nephropathy

Alveolar/Bronchiolar Carcinoma

Stomach

Cardiac Stomach

Inflammation, Granulomatous Focal

Cardiac Stomach

Hyperkeratosis

Testis

Hyperplasia, Epithelial

Thyroid

Hyperplasia, Interstitial Cell

Unspecified

Multiple Organs Nos

Hyperplasia, C Cell

Lymphoma, Mixed-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Medulla	Pheochromocytoma, Malignant
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
		Hemorrhage
Heart	Myocardium Nos	Synechia, Posterior
Kidney		Degeneration, Nos
		Nephropathy
		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Granulomatous Focal
Lymph node	Thymic Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Focal
	Acinus	Inflammation, Chronic Focal
Salivary gland	Parotid Gland Nos	Atrophy, Focal
	Parotid Gland Nos	Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 3\_014

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver		Congestion, Acute Passive
Lung		Congestion, Acute Passive
		Inflammation, Chronic Focal
Prostate	Prostatic Urethra	Cast, Nos
		Inflammation, Acute Focal
Thymus		Congestion, Acute Passive
Urinary bladder		Cast, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 3\_015

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephropathy

Liver

Congestion, Acute Passive

Lung

Foreign Body, Nos

Pituitary gland

Intermedia

Adenoma, Nos

Prostate

Inflammation, Acute/Chronic

Spleen

Hemosiderosis

Urinary bladder

Cast, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 3\_016

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Fibrosis, Myelo
Kidney		Nephropathy
Lung		Histiocytosis
Prostate		Inflammation, Chronic Focal
Stomach	Cardiac Stomach	Inflammation, Chronic Focal
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_017

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Eye

Medulla  
Retina

Pheochromocytoma  
Degeneration, Nos  
Hemorrhage, Chronic  
Synechia, Posterior

Heart  
Kidney  
Liver

Myocardium Nos

Degeneration, Nos  
Nephropathy  
Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Focal  
Inflammation, Granulomatous Focal  
Inflammation, Chronic Focal

Lung  
Lymph node  
Pancreas  
Pituitary gland  
Prostate  
Testis

Thymic Lymph Node  
Acinus  
Anterior Pituitary  
Prostatic Urethra

Plasmacytosis  
Atrophy, Focal  
Adenoma, Nos  
Cast, Nos  
Atrophy, Nos  
Hyperplasia, Interstitial Cell  
Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_018

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Focal Cellular Change

Eye

Medulla

Pheochromocytoma

Crystalline Lens

Cataract

Retina

Degeneration, Nos

Heart

Myocardium Nos

Hemorrhage

Kidney

Degeneration, Nos

Liver

Nephropathy

Lung

Bile Duct

Cytoplasmic Change, Basophilic

Lymph node

Hyperplasia, Focal

Salivary gland

Mandibular Lymph Node

Hyperplasia, Alveolar Epithelium

Testis

Plasmacytosis

Fibrosarcoma

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
		Hemorrhage, Chronic
Heart	Myocardium Nos	Synechia, Posterior
Kidney		Degeneration, Nos
		Alveolar/Bronchiolar Carcinoma, Metastatic
		Nephropathy
Liver		Cyst, Nos
	Bile Duct	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Thymic Lymph Node	Hemorrhage
	Mandibular Lymph Node	Plasmacytosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_020

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Kidney	Tubule	Cast, Nos Glomerulonephritis, Nos
Liver		Congestion, Chronic Passive Cytoplasmic Change, Basophilic
Lung		Histiocytosis
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Diffuse
Spleen	Follicles	Hematopoiesis Necrosis, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Focal Cellular Change
	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Eye		Cataract
	Retina	Degeneration, Nos
		Hemorrhage, Chronic
		Synechia, Posterior
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Inflammation, Chronic Focal
	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Histiocytosis
	Mandibular Lymph Node	Plasmacytosis
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Atrophy, Nos
Skin	Flank	Squamous Cell Papilloma
	Lower Leg	Squamous Cell Papilloma
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_022

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Eye	Crystalline Lens	Cataract
	Retina	Degeneration, Nos
		Hemorrhage, Chronic
Heart	Myocardium Nos	Synechia, Posterior
Intestine Large	Colon	Degeneration, Nos
Kidney	Pelvis	Parasitism
		Hyperplasia, Epithelial
Liver		Nephropathy
		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Prostate		Hemorrhage
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_023

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye	Retina	Degeneration, Nos Hemorrhage
Heart	Myocardium Nos	Synechia, Posterior Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Histiocytosis
Lymph node	Thymic Lymph Node	Erythrophagocytosis
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Acute Focal
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Ampicillin trihydrate  
**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:28:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_024

**TRT#:** 3  
**DOSE:** 0

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

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Eye	Crystalline Lens Retina	Cataract Degeneration, Nos Hemorrhage, Chronic Synechia, Posterior
Heart Kidney Liver	Myocardium Nos	Degeneration, Nos Nephropathy Clear-Cell Change Cytoplasmic Change, Basophilic
Lung	Bile Duct	Hyperplasia, Focal Congestion, Acute Passive Hemorrhage Inflammation, Granulomatous Focal
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_025

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Eye

Medulla

Hyperplasia, Focal  
Hemorrhage  
Inflammation, Acute Diffuse

Heart  
Intestine Large

Myocardium Nos

Degeneration, Nos

Kidney

Colon

Parasitism

Liver

Bile Duct

Nephropathy

Lymph node

Mandibular Lymph Node

Hyperplasia, Focal

Testis

Mandibular Lymph Node

Hyperplasia, Lymphoid

Necrosis, Focal

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_026

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Clear-Cell Change

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Focal

Lung

Inflammation, Granulomatous Focal

Lymph node

Hyperplasia, Lymphoid

Pituitary gland

Mandibular Lymph Node

Hemorrhage

Prostate

Anterior Pituitary

Inflammation, Acute/Chronic

Seminal vesicle

Cast, Nos

Testis

Hyperplasia, Interstitial Cell

Thyroid

Interstitial-Cell Tumor

C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_027

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
Lung		Inflammation, Granulomatous Focal
Pancreas	Islets	Hyperplasia, Focal
	Acinus	Inflammation, Chronic Focal
Prostate		Inflammation, Acute/Chronic
Salivary gland		Fibrosis, Multifocal
		Hyperplasia, Focal
Spleen		Amyloidosis
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_028

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow  
Kidney  
Liver

Hyperplasia, Hematopoietic  
Nephropathy  
Cell-Size Alteration  
Clear-Cell Change  
Cytoplasmic Change, Basophilic

Bile Duct

Lung  
Prostate

Hyperplasia, Focal  
Inflammation, Chronic Focal  
Hyperplasia, Focal  
Inflammation, Chronic Focal

Spleen  
Stomach

Cardiac Stomach

Sarcoma, Nos  
Necrosis, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_029

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Large  
Kidney  
Liver

Medulla  
Myocardium Nos  
Colon

Hyperplasia, Focal  
Degeneration, Nos  
Parasitism  
Nephropathy  
Clear-Cell Change  
Cytoplasmic Change, Basophilic  
Hyperplasia, Focal  
Inflammation, Granulomatous Focal  
Atrophy, Focal  
Cast, Nos  
Inflammation, Acute/Chronic  
Interstitial-Cell Tumor  
Fibroma  
Cast, Nos  
Hemorrhage

Bile Duct

Lung  
Pancreas  
Prostate

Acinus  
Prostatic Urethra

Testis  
Unspecified  
Urinary bladder

Axilla

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 3\_030

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Pancreas	Islets	Islet-Cell Carcinoma
Preputial gland		Abscess, Nos
Salivary gland		Hyperplasia, Focal
Spleen		Hyperplasia, Lymphoid
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 3\_031

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Small

Medulla  
Myocardium Nos  
Mesentery Nos  
Mesentery Nos  
Mesentery Nos

Kidney  
Liver

Bile Duct

Lung  
Testis

Pheochromocytoma  
Degeneration, Nos  
Hemorrhage  
Inflammation, Chronic Focal  
Necrosis, Fat  
Nephropathy  
Cytoplasmic Change, Basophilic  
Hyperplasia, Focal  
Foreign Body, Nos  
Hyperplasia, Interstitial Cell  
Interstitial-Cell Tumor  
Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_032

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lymph node	Thymic Lymph Node	Histiocytosis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Scrotum	Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_033

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain	Thalamus	Atrophy, Pressure
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Plasma Cell
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate	Periprostatic Tissue	Inflammation, Acute/Chronic
Salivary gland		Inflammation, Chronic Focal
		Metaplasia, Nos
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Hemorrhage
		Inflammation, Acute/Chronic
Heart	Myocardium Nos	Degeneration, Nos
	Left Ventricle Nos	Inflammation, Focal
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hematopoiesis
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Chronic Focal
Lymph node		Plasmacytosis
Preputial gland	Mandibular Lymph Node	Adenocarcinoma, Nos
Prostate		Inflammation, Acute/Chronic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Trachea	Gland	Hyperplasia, Focal
Unspecified	Mediastinum Nos	Foreign Body, Nos
	Mediastinum Nos	Inflammation, Granulomatous Focal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Eye	Crystalline Lens	Cataract
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Plasmacytosis
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Cardiac Stomach	Hyperkeratosis
	Cardiac Stomach	Hyperplasia, Epithelial
	Cardiac Stomach	Inflammation, Chronic Focal
Testis		Hyperplasia, Interstitial Cell
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Granulomatous Focal
Mammary gland		Hyperplasia, Focal
Pancreas	Acinus	Inflammation, Chronic Focal
Prostate		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_037

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Granulomatous Focal
Mammary gland		Hyperplasia, Focal
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Chronic Focal
Salivary gland		Metaplasia, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 3\_038

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lung		Hemorrhage
		Inflammation, Acute Necrotizing
Thymus		Hemorrhage
Unspecified	Mediastinum Nos	Hemorrhage
	Mediastinum Nos	Inflammation, Acute Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_039

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Cyst, Hemorrhagic Cyst, Hemorrhagic
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Preputial gland		Carcinoma, Nos
Salivary gland		Dilatation, Ducts Metaplasia, Nos
Spleen		Hematopoiesis Hyperplasia, Lymphoid
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus		Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_040

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Brain		Meningioma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Granulomatous Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Urinary bladder		Cast, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Ampicillin trihydrate  
**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:28:42  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_041

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Dosing Accident

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung		Edema, Nos
		Hemorrhage
Thymus		Hemorrhage
Unspecified	Mediastinum Nos	Foreign Body, Vegetable
	Mediastinum Nos	Hemorrhage
	Mediastinum Nos	Inflammation, Acute Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56086

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ampicillin trihydrate

CAS Number: 7177-48-2

Date Report Requested: 10/26/2014

Time Report Requested: 14:28:42

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Focal
Lung		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node Thymic Lymph Node	Plasmacytosis Plasmacytosis
Mammary gland		Hyperplasia, Cystic
Prostate		Inflammation, Acute/Chronic
		Inflammation, With Fibrosis
Salivary gland		Fibrosis, Multifocal
		Metaplasia, Nos
Skin	Back	Basal-Cell Tumor
Spleen		Lipomatosis
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Inflammation, With Fibrosis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

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**ANIMAL ID:** 3\_043

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Lung		Edema, Nos
		Hemorrhage
Prostate	Prostatic Urethra	Cast, Nos
		Inflammation, Acute Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_044

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic Hyperplasia, Focal
	Bile Duct	Inflammation, Acute Necrotizing
Lung		Hemorrhage
Lymph node	Thymic Lymph Node	Hyperplasia, Plasma Cell
	Mandibular Lymph Node	Hemorrhage
Pancreas		Cast, Nos
Prostate	Prostatic Urethra	Ulcer, Nos
Stomach		Hyperplasia, Interstitial Cell
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Acute Diffuse
Unspecified	Abdominal Cavity	Mesothelioma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 3\_045

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Nephroblastoma
Liver		Cytoplasmic Change, Basophilic
Lung		Congestion, Acute Passive
Prostate		Adenoma, Nos
Thymus		Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 3\_046

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Mammary gland

Hyperplasia, Focal

Pancreas

Islets

Islet-Cell Adenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Testis

Hyperplasia, Interstitial Cell

Unspecified

Flank

Interstitial-Cell Tumor

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_047

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Focal

Lung

Inflammation, Chronic Focal

Pancreas

Islets

Islet-Cell Adenoma

Prostate

Inflammation, Acute/Chronic

Testis

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_048

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Medulla

Pheochromocytoma

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Nephropathy

Cytoplasmic Change, Basophilic

Lymph node

Bile Duct

Hyperplasia, Focal

Pituitary gland

Thymic Lymph Node

Erythrophagocytosis

Spleen

Anterior Pituitary

Hyperplasia, Focal

Testis

Hematopoiesis

Thymus

Interstitial-Cell Tumor

Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

---

**ANIMAL ID:** 3\_049

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Acute Passive

Foreign Body, Vegetable

Inflammation, Granulomatous

Thymus

Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56086

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Ampicillin trihydrate

**CAS Number:** 7177-48-2

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 14:28:42

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

**Lab:** NA

**ANIMAL ID:** 3\_050

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Focal
Lung		Histiocytosis
Pituitary gland	Anterior Pituitary	Inflammation, Multifocal
Salivary gland		Hyperplasia, Focal
		Inflammation, Chronic Diffuse
		Metaplasia, Nos
Skeletal muscle		Hemorrhage
Skin	Cheek	Acanthosis
	Cheek	Hemorrhage
	Cheek	Hyperplasia, Epithelial
	Cheek	Inflammation, Acute Focal
Testis		Hyperplasia, Interstitial Cell
Unspecified	Cheek	Inflammation, Acute Focal
	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

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

\* PROTOCOL REQUIRED TISSUE