

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

C Number:	C56100
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Harderian gland	Hardarian Gland	Hyperplasia, Nos
Liver		Hemangiosarcoma
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Histiocytosis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Hyperkeratosis
		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Fibrosis
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
	Glandular Stomach	Metaplasia, Squamous
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1
DOSE: 001.0 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Brain	Thalamus	Mineralization
Epididymis		Inflammation, Chronic Focal
Liver		Hepatocellular Adenoma
Pancreas	Islets	Islet-Cell Adenoma
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Fibrosis
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
	Glandular Stomach	Metaplasia, Squamous
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

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Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Gall bladder
Lung

Cytoplasmic Change, Eosinophilic
Congestion, Acute Passive

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone	Knee Joint Nos	Ankylosis
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas		Inflammation, Chronic Focal
Preputial gland		Inflammation, Acute/Chronic
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Urethra		Cast, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1
DOSE: 001.0 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder		Cytoplasmic Change, Eosinophilic
Kidney		Cyst, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1
DOSE: 001.0 G/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Prostate	Prostatic Urethra	Cast, Nos
Skin	Abdomen	Hyperkeratosis
	Abdomen	Hyperplasia, Epithelial
	Abdomen	Parasitism
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Unspecified	Mediastinum Nos	Hemorrhage

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Intestine Small	Mesentery Nos	Necrosis, Fat
Preputial gland		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
Thymus		Inflammation, Granulomatous Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

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Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Lymph node	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Hyperplasia, Nos
Seminal vesicle		Retention Of Content
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Fibrosis
	Forestomach	Hyperplasia, Epithelial
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Metaplasia, Squamous
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

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Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1
DOSE: 001.0 G/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Brain	Thalamus	Mineralization
Gall bladder		Cytoplasmic Change, Eosinophilic
Harderian gland	Harderian Gland	Adenoma, Nos
Liver		Focal Cellular Change
Lung		Inflammation, Chronic Focal
Skin	Abdomen	Hyperplasia, Epithelial
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Thymus		Hyperplasia, Lymphoid
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1
DOSE: 001.0 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Harderian gland	Harderian Gland	Hyperplasia, Focal
Intestine Large	Cecum, Colon	Cyst, Nos
Lymph node		Hyperplasia, Lymphoid
		Pigmentation, Nos
Penis	Prepuce Nos	Polyp, Nos
Preputial gland		Hyperkeratosis
		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

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Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
	Tarsal Joint	Ankylosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Hyperkeratosis
		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Fibrosis
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos
Urethra		Cast, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Gall bladder		Cytoplasmic Change, Eosinophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Fibrosis
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014

TRT#: 1
DOSE: 001.0 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Adenoma, Nos
Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas	Islets	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Hyperkeratosis
		Inflammation, Chronic Focal
Seminal vesicle		Retention Of Content
Skin	Abdomen	Parasitism
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Fibrosis
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
	Tarsal Joint	Ankylosis
Intestine Large	Muscularis, Colon	Cyst, Nos
Lung		Alveolar/Bronchiolar Carcinoma
		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute Focal
Preputial gland		Hyperkeratosis
Skin	Abdomen	Parasitism
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Lymph node		Hyperplasia, Lymphoid
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Unspecified	Back	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Cyst, Nos
Bone	Knee Joint Nos	Ankylosis
	Tarsal Joint	Ankylosis
Gall bladder		Cytoplasmic Change, Eosinophilic
Kidney		Hyperplasia, Lymphoid
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Lymphoid
Preputial gland		Hyperplasia, Nos
Seminal vesicle		Retention Of Content
Skin	Abdomen	Hyperplasia, Epithelial
	Abdomen	Inflammation, Acute/Chronic
	Abdomen	Parasitism
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Preputial gland		Inflammation, Chronic Focal
Skeletal muscle		Inflammation, Chronic Focal
Skin	Abdomen	Hyperplasia, Epithelial
	Abdomen	Parasitism
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
	Abdomen	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver		Focal Cellular Change
Pancreas		Inflammation, Chronic Focal
Preputial gland		Hyperkeratosis
		Hyperplasia, Nos
		Inflammation, Chronic Focal
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Fibrosis
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos
Urinary bladder		Transitional-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Liver		Necrosis, Coagulative
Lung		Inflammation, Acute Focal
Skin	Abdomen	Hyperkeratosis
	Abdomen	Parakeratosis
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone
Gall bladder
Preputial gland

Knee Joint Nos

Ankylosis
Cytoplasmic Change, Eosinophilic
Hyperkeratosis
Inflammation, Chronic Focal

Stomach

Fundal Gland

Cytoplasmic Change, Eosinophilic

Tooth

Dysplasia, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung Congestion, Acute Passive

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1
DOSE: 001.0 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Liver		Hepatocellular Adenoma
Preputial gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Fibrosis
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Acute Focal
	Glandular Stomach	Inflammation, Chronic Focal
	Glandular Stomach	Metaplasia, Squamous
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024

TRT#: 1
DOSE: 001.0 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Liver		Focal Cellular Change
		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas	Islets	Hyperplasia, Focal
Preputial gland		Hyperplasia, Nos
Skin	Abdomen	Hyperplasia, Epithelial
Spleen		Hemangiosarcoma
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Thymus		Hyperplasia, Lymphoid
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Seminal vesicle
Spleen

Hyperplasia, Hematopoietic
Retention Of Content
Hematopoiesis
Leukemoid Reaction

Stomach

Glandular Stomach
Fundal Gland
Glandular Stomach
Glandular Stomach

Cyst, Nos
Cytoplasmic Change, Eosinophilic
Hyperplasia, Nos
Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute Focal
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic Focal
Skin	Abdomen	Parasitism
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Gall bladder		Cytoplasmic Change, Eosinophilic
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos
Urethra		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028

TRT#: 1
DOSE: 001.0 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Fibrosis
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos
Unspecified	Foot	Fibrosarcoma
	Abdominal Cavity	Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Liver
Spleen
Stomach

Glandular Stomach
Fundal Gland
Glandular Stomach
Glandular Stomach
Glandular Stomach

Hyperplasia, Hematopoietic
Hemangiosarcoma
Hematopoiesis
Cyst, Nos
Cytoplasmic Change, Eosinophilic
Hyperplasia, Epithelial
Inflammation, Chronic Focal
Metaplasia, Squamous
Cast, Nos

Urethra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas	Islets	Hyperplasia, Focal
Spleen		Hematopoiesis
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Lymph node		Hyperplasia, Lymphoid
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic Focal
Seminal vesicle		Retention Of Content
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Nos
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Lacrimal Gland	Inflammation, Chronic Focal
Harderian gland	Hardarian Gland	Adenoma, Nos
Liver		Focal Cellular Change
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Lung		Alveolar/Bronchiolar Adenoma
Preputial gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Fibrosis
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
	Glandular Stomach	Metaplasia, Squamous
Tooth		Dysplasia, Nos
Unspecified	Back	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Harderian gland	Hardarian Gland	Adenoma, Nos
Lymph node		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos
Unspecified	Back	Sarcoma, Nos
	Multiple Organs Nos	Sarcoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Gall bladder		Cytoplasmic Change, Eosinophilic
Liver		Necrosis, Focal
Spleen		Leukemoid Reaction
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Fibrosis
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
	Glandular Stomach	Metaplasia, Squamous
	Glandular Stomach	Ulcer, Nos
Tooth		Dysplasia, Nos
Unspecified	Thorax	Fibroma
	Flank	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Kidney		Nephropathy
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic Focal
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Fibrosis
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
	Forestomach	Squamous Cell Papilloma
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037

TRT#: 1
DOSE: 001.0 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Liver		Hemangiosarcoma
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mandibular Lymph Node	Plasmacytosis
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic Focal
Skin	Abdomen	Hyperplasia, Epithelial
	Abdomen	Parasitism
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos
Urethra		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1
DOSE: 001.0 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Skin	Abdomen	Hyperplasia, Epithelial
Spleen		Hematopoiesis
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic Focal
Thyroid		Follicular-Cell Adenoma
Tooth		Dysplasia, Nos
Unspecified	Back	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Liver		Hepatocellular Carcinoma
Lung		Congestion, Acute Passive
Skin	Abdomen	Hyperplasia, Epithelial
	Abdomen	Parasitism
Spleen		Hematopoiesis
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Liver		Hepatocellular Carcinoma
Skin	Abdomen	Hyperplasia, Epithelial
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Congestion, Acute Passive
Seminal vesicle		Retention Of Content
Unspecified	Abdominal Cavity	Hermaphroditism
Urinary bladder		Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Gall bladder		Cytoplasmic Change, Eosinophilic
Lung		Congestion, Acute Passive
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Glandular Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Pancreas	Acinus	Atrophy, Focal
Prostate		Cast, Nos
Skin	Abdomen	Hyperplasia, Epithelial
	Abdomen	Parasitism
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lung		Congestion, Acute Passive
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
Urethra		Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Prostate

Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Liver		Necrosis, Focal
Lung		Congestion, Acute Passive
Skin	Abdomen	Erosion
	Abdomen	Hyperplasia, Epithelial
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Adenocarcinoma, Nos

Nasal cavity

Inflammation, Acute Focal

Stomach

Fundal Gland

Cytoplasmic Change, Eosinophilic

Tooth

Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Liver		Hematopoiesis
Prostate	Prostatic Urethra	Cast, Nos
Spleen		Hematopoiesis
Unspecified	Thorax	Sarcoma, Nos
Urinary bladder		Cast, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute Focal
Prostate	Prostatic Urethra	Cast, Nos
Tooth		Dysplasia, Nos
Unspecified	Axilla	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Liver		Focal Cellular Change
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Inflammation, Chronic Focal
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma
Lymph node	Thymic Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Skin	Abdomen	Inflammation, Acute Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Hyperplasia, Epithelial
Unspecified	Flank	Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cyst, Nos
	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Knee Joint Nos	Ankylosis
	Metatarsophalangeal Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Kidney		Infarct, Healed
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
		Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Focal
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos
Unspecified	Abdomen	Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 000.5 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Liver		Cell-Size Alteration
		Necrosis, Coagulative
Lung		Sarcoma, Nos, Metastatic
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
Tooth		Dysplasia, Nos
Unspecified	Back	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Tarsal Joint	Ankylosis Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Lung		Alveolar/Bronchiolar Adenoma Histiocytosis
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid Hyperplasia, Lymphoid
Stomach	Glandular Stomach Glandular Stomach	Hyperplasia, Epithelial Inflammation, Chronic Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Liver	Hepatocytes	Cytoplasmic Vacuolization Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Leukemoid Reaction
Skin	Abdomen	Inflammation, Acute Focal
Spleen		Leukemoid Reaction
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos
Unspecified	Flank	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Hyperplasia, Nos
		Inflammation, Acute/Chronic
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos
Unspecified	Back	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Skin	Abdomen	Alopecia
	Abdomen	Hyperplasia, Epithelial
	Abdomen	Parasitism
Spleen		Hyperplasia, Lymphoid
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Tarsal Joint	Ankylosis Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Liver		Hemangiosarcoma
Lung		Hyperplasia, Lymphoid
Lymph node	Mandibular Lymph Node Mesenteric Lymph Node	Hyperplasia, Lymphoid Hyperplasia, Lymphoid
Preputial gland		Hyperplasia, Nos Inflammation, Chronic Focal
Prostate		Lymphocytic Inflammatory Infiltrate
Skin	Abdomen	Parasitism
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Gall bladder		Cytoplasmic Change, Eosinophilic
Kidney		Metaplasia, Osseous
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
		Hyperplasia, Lymphoid
Skin	Abdomen	Hyperplasia, Epithelial
	Abdomen	Parasitism
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Lymph node	Mesenteric Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Hematopoiesis
	Fundal Gland	Cyst, Nos
	Glandular Stomach	Cytoplasmic Change, Eosinophilic
Tooth		Hyperplasia, Epithelial
Unspecified	Back	Dysplasia, Nos
		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Tarsal Joint	Ankylosis Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Harderian gland	Hardarian Gland	Adenoma, Nos
Liver		Hepatocellular Carcinoma
Prostate	Prostatic Urethra	Cast, Nos
Stomach	Fundal Gland Glandular Stomach Forestomach Glandular Stomach	Cytoplasmic Change, Eosinophilic Hyperplasia, Epithelial Inflammation, Chronic Focal Inflammation, Chronic Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 000.5 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Hematopoietic

Spleen

Hematopoiesis

Tooth

Dysplasia, Nos

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 000.5 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Hyperplasia, Hematopoietic

Liver

Hepatocellular Adenoma

Hepatocellular Carcinoma

Nasal cavity

Foreign Material, Nos

Inflammation, Acute Focal

Spleen

Hyperplasia, Lymphoid

Tooth

Dysplasia, Nos

Urethra

Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Tarsal Joint	Ankylosis Ankylosis
Gall bladder		Cytoplasmic Change, Eosinophilic
Heart	Myocardium Nos	Degeneration, Nos
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Hyperkeratosis Inflammation, Chronic Focal
Prostate	Prostatic Urethra	Retention Of Content
Skin	Abdomen	Hyperplasia, Epithelial
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Ulcer, Nos
Tooth		Dysplasia, Nos
Unspecified	Back	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Gall bladder		Cytoplasmic Change, Eosinophilic
Liver		Hepatocellular Adenoma
Skin	Back	Hyperplasia, Epithelial
	Back	Parasitism
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Fibrosis
	Glandular Stomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute Focal
	Glandular Stomach	Inflammation, Chronic Focal
	Glandular Stomach	Metaplasia, Squamous
Tooth		Dysplasia, Nos
Unspecified	Back	Fibroma
Urethra		Cast, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 000.5 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Preputial gland

Capsule
Mesentery Nos

Hyperplasia, Focal
Necrosis, Fat
Hyperplasia, Nos
Inflammation, Chronic Focal
Hyperplasia, Lymphoid
Cyst, Nos
Cytoplasmic Change, Eosinophilic
Hyperplasia, Epithelial
Hyperplasia, Interstitial Cell
Dysplasia, Nos

Spleen
Stomach

Glandular Stomach
Fundal Gland
Glandular Stomach

Testis
Tooth

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Heart	Myocardium Nos	Inflammation, Chronic Focal
Kidney	Glomerulus	Amyloidosis
	Tubule	Atrophy, Focal
Liver		Amyloidosis
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Diffuse
Prostate	Prostatic Urethra	Cast, Nos
Skin	Back	Hyperplasia, Epithelial
Spleen		Leukemoid Reaction
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Thyroid		Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Prostate	Prostatic Urethra	Cast, Nos
Spleen		Hyperplasia, Lymphoid
Tooth		Deformity, Nos
		Dysplasia, Nos
Unspecified	Back	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Liver		Hepatocellular Adenoma
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid
		Hyperplasia, Lymphoid
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 000.5 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Lymph node
Spleen
Urethra

Hyperplasia, Hematopoietic
Hyperplasia, Lymphoid
Hematopoiesis
Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Harderian gland	Harderian Gland	Adenoma, Nos
Intestine Small	Mesentery Nos	Inflammation, Acute Focal
Kidney		Hyperplasia, Tubular Cell
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity		Inflammation, Acute Focal
		Metaplasia, Nos
Preputial gland		Hyperplasia, Nos
Stomach	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Liver		Hepatocellular Adenoma
Lung		Lymphocytic Inflammatory Infiltrate
Preputial gland		Dilatation, Nos
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Hemorrhage
Lung		Congestion, Acute Passive
Skin	Abdomen	Parasitism

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Intestine Large
Intestine Small

Thalamus
Rectum
Mesentery Nos
Mesentery Nos

Lung

Mineralization
Hyperplasia, Diffuse
Inflammation, Chronic Focal
Necrosis, Fat
Alveolar/Bronchiolar Adenoma

Lymph node
Pancreas
Preputial gland
Seminal vesicle

Mesenteric Lymph Node
Acinus

Hemorrhage
Hyperplasia, Lymphoid
Atrophy, Focal
Inflammation, Chronic Focal
Retention Of Content

Skin
Stomach

Abdomen
Glandular Stomach
Fundal Gland

Parasitism
Cyst, Nos
Cytoplasmic Change, Eosinophilic
Hyperplasia, Follicular Cell
Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Intestine Large	Submucosa, Colon	Cyst, Nos
Intestine Small	Duodenum	Adenocarcinoma, Nos
Liver		Hepatocellular Adenoma
Pancreas	Islets	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos
Unspecified	Abdominal Cavity	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Gall bladder		Cytoplasmic Change, Eosinophilic
Kidney	Perirenal Tissue	Inflammation, Chronic Focal
Lung		Inflammation, Interstitial
Nasal cavity		Foreign Material, Nos
Prostate	Prostatic Urethra	Inflammation, Acute Focal
	Prostatic Urethra	Hemorrhage
		Hyperplasia, Epithelial
Seminal vesicle		Inflammation, Acute/Chronic
Spleen		Retention Of Content
Stomach	Glandular Stomach	Leukemoid Reaction
	Fundal Gland	Cyst, Nos
	Glandular Stomach	Cytoplasmic Change, Eosinophilic
Testis		Hyperplasia, Epithelial
Unspecified	Abdomen	Inflammation, Acute Focal
Urinary bladder		Abscess, Nos
		Cast, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Knee Joint Nos	Ankylosis
Lung		Alveolar/Bronchiolar Adenoma
Preputial gland		Hyperplasia, Nos
Seminal vesicle		Retention Of Content
Tooth		Dysplasia, Nos
Unspecified	Back	Fibroma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Brain	Thalamus	Mineralization
Kidney		Hyperplasia, Tubular Cell
Preputial gland		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
Testis		Interstitial-Cell Tumor
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Lung		Congestion, Acute Passive
Prostate		Inflammation, Acute Focal
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Lymph node	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Glandular Stomach	Hyperplasia, Epithelial
Testis		Hyperplasia, Interstitial Cell
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Cytoplasmic Change, Eosinophilic
Liver		Cytoplasmic Change, Eosinophilic
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Islets	Hyperplasia, Focal
Seminal vesicle		Retention Of Content
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Testis		Hyperplasia, Interstitial Cell
Tooth		Dysplasia, Nos
Unspecified	Back	Fibrosarcoma
	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Tarsal Joint	Ankylosis Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Brain	Meninges	Lymphocytic Inflammatory Infiltrate
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Pancreas	Acinus	Atrophy, Focal Inflammation, Chronic Focal
Prostate	Prostatic Urethra	Cast, Nos
Stomach	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 000.5 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Seminal vesicle
Tooth

Retention Of Content
Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Brain	Thalamus	Mineralization
Gall bladder		Cytoplasmic Change, Eosinophilic
Liver		Hepatocellular Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
		Hyperplasia, Lymphoid
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic Focal
Prostate	Prostatic Urethra	Cast, Nos
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute Focal
Thyroid		Hyperplasia, Follicular Cell
Tooth		Dysplasia, Nos
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone
Bone marrow
Gall bladder
Preputial gland

Tarsal Joint

Ankylosis
Hyperplasia, Hematopoietic
Cytoplasmic Change, Eosinophilic
Hyperplasia, Nos
Inflammation, Chronic Focal

Stomach

Fundal Gland
Glandular Stomach
Glandular Stomach

Cytoplasmic Change, Eosinophilic
Hyperplasia, Epithelial
Inflammation, Chronic Focal

Tooth

Unspecified

Multiple Organs Nos

Dysplasia, Nos
Hemangiosarcoma, Uncertain Primary Or Metastatic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye
Harderian gland
Liver
Lung

Crystalline Lens
Hardarian Gland

Cataract
Adenoma, Nos
Hepatocellular Adenoma
Congestion, Acute Passive

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 000.5 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Intestine Small	Mesentery Nos	Necrosis, Fat
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
	Glandular Stomach	Inflammation, Chronic Focal
Thyroid		Follicular-Cell Adenoma
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 000.5 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Acute
Liver		Hepatocellular Adenoma
Lung		Lymphocytic Inflammatory Infiltrate
Nasal cavity		Inflammation, Acute Focal
Pancreas	Islets	Hyperplasia, Focal
Preputial gland		Dilatation, Nos
Seminal vesicle		Retention Of Content
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Brain	Thalamus	Mineralization
Intestine Large	Mucosa, Colon	Hyperplasia, Diffuse
Lymph node	Mesenteric Lymph Node	Hematopoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Heart	Tricuspid Valve Nos	Pigmentation, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Liver		Hepatocellular Adenoma
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
Tooth		Dysplasia, Nos
Unspecified	Abdominal Cavity	Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Liver		Mixed Hepato/Cholangio Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos
Unspecified	Multiple Organs Nos	Sarcoma, Nos, Uncertain Primary Or Meta

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Lung		Congestion, Acute Passive
Nasal cavity		Inflammation, Acute Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Thymic Lymph Node	Hemorrhage
	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
		Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic Focal
Stomach	Glandular Stomach	Cyst, Nos
	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Hyperplasia, Epithelial
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Tarsal Joint	Ankylosis Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Gall bladder		Cytoplasmic Change, Eosinophilic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Hyperplasia, Nos Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland Glandular Stomach	Cytoplasmic Change, Eosinophilic Hyperplasia, Epithelial
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Tarsal Joint	Ankylosis Ankylosis
Brain	Thalamus	Mineralization
Eye	Lacrimal Gland	Inflammation, Chronic Focal
Kidney		Congestion, Acute Passive
Liver		Hepatocellular Carcinoma
Lung		Congestion, Acute Passive Edema, Nos
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Stomach	Fundal Gland Glandular Stomach	Cytoplasmic Change, Eosinophilic Hyperplasia, Epithelial
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Glandular Stomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Stomach
Urethra

Glandular Stomach

Inflammation, Chronic Focal
Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Adenoma, Nos
Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Epididymis		Inflammation, Chronic Focal
Kidney		Hyperplasia, Lymphoid
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Inflammation, Acute/Chronic
Prostate	Periprostatic Tissue	Lymphocytic Inflammatory Infiltrate
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hyperplasia, Lymphoid
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pancreas
Preputial gland
Stomach
Tooth

Acinus

Fundal Gland

Atrophy, Focal
Inflammation, Chronic Focal
Cytoplasmic Change, Eosinophilic
Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 000.5 G/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Intestine Small	Serosa, Ileum	Inflammation, Chronic Focal
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Adenoma
		Alveolar/Bronchiolar Carcinoma
		Histiocytosis
		Inflammation, Acute/Chronic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Pancreas	Islets	Hyperplasia, Focal
Seminal vesicle		Retention Of Content
Spleen		Hyperplasia, Lymphoid
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_001

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Eye		Atrophy, Diffuse
	Nasolacrimal Duct	Inflammation, Acute
Harderian gland	Hardarian Gland	Adenoma, Nos
Kidney		Tubular-Cell Adenocarcinoma
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Inflammation, Acute/Chronic
Skin	Abdomen	Erosion
	Abdomen	Hyperkeratosis
	Perineum	Nevus, Nos
	Abdomen	Parasitism
Stomach	Forestomach	Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Tubular-Cell Adenocarcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow	Hyperplasia, Hematopoietic
Liver	Inflammation, Acute/Chronic
Spleen	Hematopoiesis
Tooth	Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Liver		Hepatocellular Adenoma
Pancreas		Dilatation, Ducts
	Acinus	Hyperplasia, Focal
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic Focal
Skin	Abdomen	Hyperkeratosis
	Abdomen	Parasitism
Stomach	Fundal Gland	Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Tarsal Joint	Ankylosis
Harderian gland	Hardarian Gland	Adenoma, Nos
Liver		Hepatocellular Adenoma
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute Focal
Seminal vesicle		Cast, Nos
		Inflammation, Chronic Focal
		Mineralization
		Retention Of Content
Skin	Abdomen	Alopecia
	Abdomen	Hyperkeratosis
	Abdomen	Parasitism
Spleen		Hyperplasia, Lymphoid
Tooth		Dysplasia, Nos
Urethra		Cast, Nos
Urinary bladder		Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity		Inflammation, Acute Focal
Skeletal muscle		Sarcoma, Nos, Invasive
Skin	Abdomen	Alopecia
	Abdomen	Parasitism
Spleen		Hematopoiesis
Tooth		Dysplasia, Nos
Unspecified	Back	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Ankylosis
Liver		Hepatocellular Adenoma
Lung		Hyperplasia, Alveolar Epithelium
Preputial gland		Hyperplasia, Nos
		Inflammation, Chronic Focal
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Mastocytosis
	Forestomach	Squamous Cell Papilloma
	Forestomach	Ulcer, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Mast-Cell Sarcoma
Urethra		Cast, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone	Knee Joint Nos	Ankylosis
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Spleen		Hyperplasia, Lymphoid
Stomach	Forestomach	Squamous Cell Carcinoma
Tooth		Dysplasia, Nos
Urethra		Cast, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Liver		Hepatocellular Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
Lung		Hemorrhage
Pancreas	Acinus	Atrophy, Focal
Skin	Abdomen	Alopecia
	Abdomen	Parasitism
Spleen		Hematopoiesis
Unspecified	Back	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Erythropoiesis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Hyperplasia, Reticulum Cell
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute Focal
Tooth	Pulp Of Tooth	Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
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

Bone	Tarsal Joint	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Intestine Small	Mesentery Nos	Necrosis, Fat
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Alveolar Epithelium
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute Focal
Preputial gland		Hyperplasia, Nos
		Inflammation, Acute/Chronic
Seminal vesicle		Retention Of Content
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic Focal
Thymus		Hyperplasia, Epithelial
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Kidney		Nephropathy
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic Focal
	Forestomach	Ulcer, Nos
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone

Medulla
Knee Joint Nos
Tarsal Joint

Bone marrow
Lung
Nasal cavity

Thymus
Unspecified

Multiple Organs Nos

Pheochromocytoma
Ankylosis
Ankylosis
Hyperplasia, Hematopoietic
Alveolar/Bronchiolar Adenoma
Foreign Material, Nos
Inflammation, Acute Focal
Hyperplasia, Epithelial
Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Tarsal Joint	Ankylosis Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Preputial gland		Hyperplasia, Nos Inflammation, Chronic Focal
Thymus		Hyperplasia, Lymphoid
Thyroid		Inflammation, Acute Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 0

SEX: Male
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Kidney		Pyelonephritis, Nos
Prostate	Prostatic Urethra	Cast, Nos
		Inflammation, Acute Focal
Spleen		Hematopoiesis
Stomach	Forestomach	Ulcer, Nos
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Acute Focal
		Ulcer, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Eye		Atrophy, Diffuse
Harderian gland	Hardarian Gland	Adenoma, Nos
Heart		Degeneration, Nos
Liver	Bile Duct	Cyst, Nos
Preputial gland		Abscess, Nos
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_017

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis
Unspecified	Thigh	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Tarsal Joint	Ankylosis Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Nasal cavity		Foreign Material, Nos Inflammation, Acute/Chronic
Preputial gland		Abscess, Nos
Thyroid		Cyst, Follicular Nos
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Mineralization
Kidney		Nephropathy
Pancreas	Islets	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Focal
Spleen		Hyperplasia, Lymphoid
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic Focal
Tooth		Dysplasia, Nos
Urethra		Cast, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Kidney	Tubule	Mineralization Pyelonephritis, Nos
Nasal cavity		Foreign Material, Nos Inflammation, Acute Focal
Prostate		Inflammation, Acute Focal
Skin	Abdomen	Hyperkeratosis
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Ankylosis
Epididymis		Granuloma, Spermatic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity		Fibrosis, Focal
Penis	Prepuce Nos	Polyp, Nos
Preputial gland		Inflammation, Acute/Chronic
Seminal vesicle		Retention Of Content
Tooth		Dysplasia, Nos
Unspecified	Back	Fibrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cell-Size Alteration Hepatocellular Adenoma Necrosis, Focal
Pancreas	Acinus	Hyperplasia, Focal
Prostate	Prostatic Urethra	Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Brain	Meninges	Inflammation, Chronic Focal
Epididymis	Epididymal Lumen	Dilatation, Nos
Lung		Alveolar/Bronchiolar Adenoma
Penis	Prepuce Nos	Polyp, Nos
Preputial gland		Inflammation, Acute/Chronic
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Fundal Gland	Dilatation, Nos
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
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

Kidney		Inflammation, Chronic Focal Nephropathy
Lymph node		Histiocytosis Hyperplasia, Lymphoid
Nasal cavity		Fibrosis, Multifocal
Pancreas	Islets	Hyperplasia, Focal
Preputial gland		Inflammation, Acute/Chronic
Seminal vesicle		Retention Of Content
Spleen		Hyperplasia, Lymphoid
Tooth		Dysplasia, Nos
Unspecified	Back	Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
	Tarsal Joint	Ankylosis
Brain	Thalamus	Mineralization
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Histiocytosis
Skin	Abdomen	Inflammation, Acute Focal
Stomach	Glandular Stomach	Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Liver		Hematopoiesis
Lung		Alveolar/Bronchiolar Adenoma
		Inflammation, Interstitial
Lymph node		Hemosiderosis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
		Hyperplasia, Lymphoid
	Mesenteric Lymph Node	Inflammation, Chronic Focal
Pancreas	Acinus	Atrophy, Focal
Spleen		Hematopoiesis
Tooth		Dysplasia, Nos
Unspecified	Back	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Acute
Heart	Myocardium Nos	Inflammation, Acute Focal
Kidney		Inflammation, Acute Focal
Pancreas	Islets	Hyperplasia, Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone
Kidney
Liver
Prostate
Seminal vesicle
Tooth

Capsule
Knee Joint Nos

Hyperplasia, Focal
Ankylosis
Nephropathy
Hepatocellular Adenoma
Inflammation, Chronic Focal
Retention Of Content
Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye		Atrophy, Diffuse
	Nasolacrimal Duct	Inflammation, Acute
Harderian gland	Harderian Gland	Adenoma, Nos
Lymph node		Hemosiderosis
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute Focal
Prostate		Inflammation, Chronic Focal
Seminal vesicle		Retention Of Content
Skin	Abdomen	Alopecia
	Abdomen	Hyperkeratosis
	Abdomen	Parasitism
Spleen		Atrophy, Diffuse
Tooth		Dysplasia, Nos
Unspecified	Back	Fibroma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Knee Joint Nos	Ankylosis
	Tarsal Joint	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute Focal
Skin	Shoulder	Hyperplasia, Epithelial
	Back	Inflammation, Chronic Focal
	Back	Ulcer, Acute
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Tooth		Dysplasia, Nos
Unspecified	Shoulder	Fibrosis, Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Kidney
Nasal cavity

Thalamus
Tubule

Skeletal muscle
Tooth
Unspecified

Abdominal Muscle

Back
Back

Mineralization
Dilatation, Nos
Foreign Material, Nos
Hemorrhage
Neurofibrosarcoma, Metastatic
Dysplasia, Nos
Inflammation, Chronic Focal
Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_032

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Lung
Prostate

Hyperplasia, Hematopoietic
Congestion, Acute Passive
Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_033

TRT#: 3
DOSE: 0

SEX: Male
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Congestion, Acute Passive
Brain	Thalamus	Mineralization
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lung		Foreign Body, Nos
		Inflammation, Acute Focal
Prostate	Prostatic Urethra	Cast, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Liver		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Hemorrhage
Spleen		Hematopoiesis
Tooth		Dysplasia, Nos
Unspecified	Thorax	Sarcoma, Nos
	Multiple Organs Nos	Sarcoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone
Nasal cavity

Preputial gland

Spleen
Testis
Trachea

Capsule
Knee Joint Nos

Hyperplasia, Focal
Ankylosis
Foreign Material, Nos
Inflammation, Acute Focal
Hyperkeratosis
Inflammation, Chronic Focal
Lymphoma, Nos-Malignant
Hyperplasia, Interstitial Cell
Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_036

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Brain	Thalamus	Mineralization
Esophagus		Dilatation, Nos
Kidney		Inflammation, Chronic Focal
Liver		Cell-Size Alteration
Lung		Histiocytosis
Stomach	Fundal Gland	Cytoplasmic Change, Eosinophilic
	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic Focal
Urethra		Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Inflammation, Chronic
Liver		Hemangiosarcoma
Lung		Congestion, Acute Passive
Lymph node	Mesenteric Lymph Node	Plasmacytosis
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Kidney		Cyst, Nos
Spleen		Hematopoiesis
Unspecified	Back	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_039

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Matrix Alteration
	Cortex Nos	Focal Cellular Change
Bone	Knee Joint Nos	Ankylosis
Gall bladder		Cytoplasmic Change, Eosinophilic
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Lymph node	Mandibular Lymph Node	Histiocytosis
Penis	Prepuce Nos	Polyp, Nos
Stomach	Glandular Stomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Liver
Urethra

Cortex Nos

Hypertrophy, Focal
Hyperplasia, Hematopoietic
Hepatocellular Adenoma
Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_041

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Capsule
Cortex Nos
Medulla

Adenoma, Nos
Hypertrophy, Focal
Pheochromocytoma

Bone

Knee Joint Nos

Ankylosis

Harderian gland

Hardarian Gland

Adenoma, Nos

Lung

Alveolar/Bronchiolar Adenoma

Seminal vesicle

Retention Of Content

Spleen

Hyperplasia, Lymphoid

Tooth

Dysplasia, Nos

Unspecified

Back

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Eye	Nasolacrimal Duct	Hemorrhage
	Nasolacrimal Duct	Inflammation, Acute/Chronic
Kidney	Tubule	Cytoplasmic Vacuolization
Liver		Hepatocellular Adenoma
		Necrosis, Fat
Lung		Alveolar/Bronchiolar Adenoma
		Histiocytic Sarcoma, Metastatic
Nasal cavity		Foreign Material, Nos
Preputial gland		Hyperkeratosis
		Hyperplasia, Nos
		Inflammation, Chronic Focal
Seminal vesicle		Retention Of Content
Spleen		Hematopoiesis
Unspecified	Back	Histiocytic Sarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Brain	Thalamus	Mineralization
Liver		Cell-Size Alteration
		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
		Hepatocellular Carcinoma, Metastatic
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute Focal
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Bone	Knee Joint Nos	Ankylosis
	Tarsal Joint	Ankylosis
	Femur	Hemangiosarcoma
Lymph node		Hyperplasia, Lymphoid
Penis	Prepuce Nos	Polyp, Nos
Preputial gland		Inflammation, Chronic Diffuse
Spleen		Hyperplasia, Lymphoid
Tooth		Dysplasia, Nos
Unspecified	Leg	Fibroma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lymph node
Pituitary gland
Seminal vesicle
Spleen

Tubule
Mesenteric Lymph Node
Anterior Pituitary

Atrophy, Focal
Histiocytosis
Cyst, Nos
Retention Of Content
Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_046

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hemorrhage
Blood vessel	Sup.Panc-Duod.Artery	Inflammation, Chronic Focal
Bone marrow		Hyperplasia, Hematopoietic
Esophagus		Hyperkeratosis
Eye	Nasolacrimal Duct	Inflammation, Acute
Heart	Myocardium Nos	Inflammation, Acute Focal
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute Focal
Pancreas	Islets	Hyperplasia, Focal
Skin	Abdomen	Alopecia
	Abdomen	Parasitism
Tooth		Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_047

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Kidney	Tubule	Atrophy, Focal
Liver		Hepatocellular Adenoma
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos Tarsal Joint	Ankylosis Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Nasal cavity		Foreign Material, Nos Inflammation, Acute Focal
Spleen		Hematopoiesis
Stomach	Pylorus	Adenomatous Polyp, Nos
Tooth		Dysplasia, Nos
Urethra		Cast, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Lymph node
Preputial gland

Mesenteric Lymph Node

Spleen
Stomach

Fundal Gland
Forestomach

Testis
Thymus
Unspecified

Tubule
Axilla

Hyperplasia, Hematopoietic
Histiocytosis
Hyperkeratosis
Inflammation, Chronic
Hematopoiesis
Dilatation, Nos
Squamous Cell Papilloma
Atrophy, Focal
Lymphoma, Nos-Malignant
Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C56100
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Penicillin VK
CAS Number: 132-98-9

Date Report Requested: 10/26/2014
Time Report Requested: 11:16:15
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Knee Joint Nos	Ankylosis
Bone marrow		Hyperplasia, Hematopoietic
Kidney		Pyelonephritis, Chronic
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Skin	Abdomen	Hyperplasia, Epithelial
	Abdomen	Parasitism
	Abdomen	Ulcer, Acute
Spleen		Hematopoiesis
Tooth		Dysplasia, Nos
Unspecified	Abdomen	Inflammation, Acute/Chronic
		Neurofibrosarcoma

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****