

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

C Number:	C02120
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Lymph node
Salivary gland
Spleen

Periportal
Mesenteric Lymph Node

Lymphocytic Inflammatory Infiltrate
Plasma-Cell Infiltrate
Lymphocytic Inflammatory Infiltrate
Hyperplasia, Reticulum Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic Focal
Liver		Inflammation, Chronic Focal
Lung	Bronchus	Inflammation, Chronic Perivascularitis
Salivary gland		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung
Spleen

Inflammation, Nos
Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Pancreas

Duodenum

Adenomatous Polyp, Nos
Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Lung

Pancreas

Salivary gland

Duct Nos

Degeneration, Nos

Perivascular Cuffing

Pneumonia, Aspiration

Lymphocytic Inflammatory Infiltrate

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1
DOSE: 32000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Centrilobular	Metamorphosis, Fatty
Lung	Bronchus	Perivascular Cuffing
Spleen	Red Pulp	Hyperplasia, Reticulum Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung
Spleen

Inflammation, Nos
Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Hydro

Lung

Inflammation, Nos

Spleen

Red Pulp

Hyperplasia, Reticulum Cell

Thyroid

Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Inflammation, Chronic Focal
Lung	Bronchus	Inflammation, Chronic Perivasculitis
Salivary gland		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Salivary gland

Inflammation, Chronic
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pancreas
Urinary bladder

Inflammation, Nos
Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Lung

Pancreas

Bronchus

Degeneration, Nos

Inflammation, Chronic

Perivasculitis

Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Urinary bladder

Hyperplasia, Epithelial

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Glomerulonephritis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Interstitial

Spleen

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Lymph node

Necrosis, Focal
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Interstitial

Liver

Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 32000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pancreas
Stomach
Urinary bladder

Inflammation, Nos
Inflammation, Nos
Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1
DOSE: 32000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Centrilobular Centrilobular	Metamorphosis, Fatty Necrosis, Nos
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Liver	Perivascular Cuffing
Lung	Pneumonia, Aspiration

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Cartilage,Nos	Cyst, Nos
Kidney		Glomerulonephritis, Focal
Liver		Necrosis, Focal
Lung		Crystals, Nos
	Bronchus	Inflammation, Focal
	Alveoli	Inflammation, Nos
Salivary gland		Perivascular Cuffing
Stomach		Inflammation, Nos
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Focal
Lung		Crystals, Nos
	Bronchus	Inflammation, Focal
		Inflammation, Interstitial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Spleen

Red Pulp

Inflammation, Nos
Erythropoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Necrosis, Focal
Lung	Alveoli	Inflammation, Nos
Preputial gland		Hyperplasia, Cystic
Salivary gland		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Inflammation, Nos
Lung		Inflammation, Nos
Pancreas	Acinus	Degeneration, Cytologic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung

Salivary gland
Spleen

Bronchus

Cortical Adenoma
Glomerulonephritis, Nos
Inflammation, Focal
Inflammation, Interstitial
Perivascular Cuffing
Hyperplasia, Reticulum Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulonephritis, Nos
Liver	Necrosis, Focal
Lung	Crystals, Nos
	Inflammation, Interstitial
Preputial gland	Hyperplasia, Cystic
Salivary gland	Perivascular Cuffing
Stomach	Inflammation, Nos
Testis	Hyperplasia, Interstitial Cell
Urinary bladder	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Necrosis, Hemorrhagic
Liver		Necrosis, Focal
Lung	Bronchus	Inflammation, Focal
Preputial gland		Hyperplasia, Cystic
Stomach		Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Skin	Ulcer, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Lung
Salivary gland

Degeneration, Nos
Metamorphosis, Fatty
Perivasculitis
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Salivary gland

Inflammation, Chronic
Perivasculitis
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Preputial gland
Spleen

Depletion, Lymphoid
Perivascular Cuffing
Abscess, Nos
Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Degeneration, Hyaline Inflammation, Nos Metamorphosis, Fatty Necrosis, Focal
Lung	Inflammation, Nos
Pancreas	Inflammation, Nos
Prostate	Inflammation, Nos
Salivary gland	Inflammation, Nos
Urethra	Urethral Gland Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lymph node

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Pituitary gland

Metamorphosis, Fatty
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulonephritis, Nos
Liver	Necrosis, Focal
Pancreas	Inflammation, Interstitial
Salivary gland	Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Lung
Salivary gland

Degeneration, Nos
Perivascular Cuffing
Pneumonia, Aspiration
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Salivary gland
Urinary bladder

Mucosa

Lymphocytic Inflammatory Infiltrate
Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Cartilage,Nos	Cyst, Nos
Kidney		Glomerulonephritis, Nos
Lung	Alveoli	Inflammation, Nos
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Nos
Preputial gland		Hyperplasia, Cystic
Salivary gland		Perivascular Cuffing
Stomach		Hyperplasia, Epithelial
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Inflammation, Focal
Prostate		Degeneration, Nos
		Inflammation, Focal
Salivary gland		Perivascular Cuffing
Skin	Sebaceous Gland	Abscess, Nos
	Sebaceous Gland	Hyperplasia, Nos
Stomach		Hyperplasia, Epithelial
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Spleen
Unspecified
Urinary bladder

Multiple Organs Nos
Mucosa

Hematopoiesis
Periarteritis
Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Focal
Liver		Necrosis, Focal
Lung	Bronchiole	Crystals, Nos Inflammation, Interstitial

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow	Hyperplasia, Hematopoietic
Lymph node	Inflammation, Chronic Suppurative
Skin	Ulcer, Chronic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Gall bladder
Salivary gland
Stomach

Inflammation, Nos
Perivascular Cuffing
Hyperkeratosis
Hyperplasia, Epithelial
Hyperplasia, Epithelial

Urinary bladder

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulonephritis, Nos
Lymph node	Inflammation, Nos
Pancreas	Inflammation, Interstitial
Salivary gland	Perivascular Cuffing
Stomach	Inflammation, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_001

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Choroid Plexus Nos	Calcification, Focal
Lung		Pneumonia, Aspiration

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Pneumonia, Aspiration

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Pneumonia, Aspiration

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Necrosis, Focal
Lung		Crystals, Nos
	Alveoli	Inflammation, Nos
	Bronchus	Inflammation, Nos
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Necrosis, Focal
Lung	Bronchus	Inflammation, Acute
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas		Inflammation, Interstitial
Salivary gland		Perivascular Cuffing
Stomach		Inflammation, Nos
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Hyperplasia, Nodular
Necrosis, Focal
Perivascular Cuffing

Salivary gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchiole	Inflammation, Proliferative
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Lymph node

Glomerulonephritis, Nos
Pneumonia, Chronic Murine
Hyperplasia, Nos
Inflammation, Nos
Inflammation, Nos

Stomach

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Urinary bladder

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung
Salivary gland

Degeneration, Nos
Perivasculitis
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung

Pelvis

Degeneration, Nos
Inflammation, Chronic
Pneumonia, Aspiration

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Lung	Bronchus	Inflammation, Focal
		Inflammation, Interstitial
Salivary gland		Perivascular Cuffing
Spleen		Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Salivary gland

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone
Kidney
Lung
Lymph node
Salivary gland
Stomach

Cartilage,Nos

Cyst, Nos
Glomerulonephritis, Nos
Inflammation, Interstitial
Hyperplasia, Nos
Perivascular Cuffing
Abscess, Nos
Ulcer, Nos
Hyperplasia, Interstitial Cell
Hyperplasia, Epithelial

Testis
Urinary bladder

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Hepatocytes

Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_017

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulonephritis, Focal
Lung	Inflammation, Interstitial
Preputial gland	Hyperkeratosis
Salivary gland	Perivascular Cuffing
Spleen	Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulonephritis, Nos
Liver	Necrosis, Focal
Lung	Inflammation, Interstitial
Spleen	Hyperplasia, Nos
Urinary bladder	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchus
Alveoli

Inflammation, Nos
Metaplasia, Osseous
Inflammation, Nos

Salivary gland

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Necrosis, Focal
Lung	Bronchus	Inflammation, Focal
		Inflammation, Interstitial
Salivary gland		Perivascular Cuffing
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_001

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Inflammation, Focal
Perivasculitis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_003

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver Metamorphosis, Fatty

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_007

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Spleen

Inflammation, Diffuse
Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_008

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Metamorphosis, Fatty
Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_010

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain

Meninges

Melanin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_011

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Pelvis	Inflammation, Acute/Chronic Perivasculitis
Lung		Inflammation, Interstitial
Salivary gland		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_012

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Inflammation, Interstitial
Salivary gland	Perivascular Cuffing
Spleen	Nodule
Stomach	Inflammation, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_013

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchiole	Inflammation, Nos
Pancreas	Acinus	Atrophy, Nos
	Acinus	Cytoplasmic Vacuolization
	Acinus	Hyperplasia, Nos
Skin		Acariasis
Testis	Tubule	Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_014

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Inflammation, Interstitial Perivasculitis
Testis	Tubule	Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_015

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung

Pelvis
Bronchiole

Salivary gland
Skin
Stomach
Testis

Tubule

Pigmentation, Nos
Inflammation, Acute/Chronic
Lymphocytic Inflammatory Infiltrate
Perivascular Cuffing
Perivascular Cuffing
Acariasis
Inflammation, Focal
Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_016

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Pigmentation, Nos

Lung

Inflammation, Interstitial

Salivary gland

Perivascular Cuffing

Skin

Sebaceous Adenoma

Stomach

Inflammation, Nos

Testis

Tubule

Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_017

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pigmentation, Nos
Brain	Choroid Plexus Nos	Degeneration, Eosinophilic
Kidney	Pelvis	Inflammation, Acute/Chronic
Liver		Inflammation, Focal
Salivary gland		Perivascular Cuffing
Stomach		Inflammation, Focal
Testis	Tubule	Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_018

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos Pigmentation, Nos
Lung		Crystals, Nos Inflammation, Interstitial
Lymph node		Hyperplasia, Lymphoid
Pancreas	Acinus	Cytoplasmic Vacuolization
Salivary gland		Perivascular Cuffing
Skin		Inflammation, Focal
Testis	Tubule	Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_019

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos Pigmentation, Nos
Brain	Choroid Plexus Nos	Degeneration, Granular
Gall bladder		Inflammation, Focal
Lung	Bronchiole	Inflammation, Interstitial Lymphocytic Inflammatory Infiltrate
Pancreas	Acinus	Perivascular Cuffing Cytoplasmic Vacuolization
Stomach		Inflammation, Focal
Testis	Tubule	Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_020

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Inflammation, Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_021

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Perivasculitis
Lung		Inflammation, Interstitial
Pancreas	Acinus	Perivascular Cuffing
		Atrophy, Focal
Prostate		Perivascular Cuffing
Salivary gland		Perivasculitis
Testis	Tubule	Perivascular Cuffing
		Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_022

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos Pigmentation, Nos
Kidney	Pelvis	Inflammation, Acute/Chronic
Liver		Inflammation, Focal
Lung		Hyperplasia, Lymphoid
Salivary gland		Hyperplasia, Lymphoid
Testis	Tubule	Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_023

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Perivasculitis
Kidney	Pelvis	Inflammation, Acute/Chronic
Lung		Inflammation, Interstitial
	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivascular Cuffing
Preputial gland		Dilatation, Ducts
Salivary gland		Hyperplasia, Lymphoid
Stomach		Inflammation, Focal
Testis	Tubule	Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_024

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pigmentation, Nos
Kidney	Pelvis	Inflammation, Acute/Chronic Perivascularitis
Liver		Hyperplasia, Lymphoid
Lung	Bronchiole	Inflammation, Interstitial Lymphocytic Inflammatory Infiltrate Perivascular Cuffing
Lymph node		Hemorrhage
Pancreas	Acinus	Cytoplasmic Vacuolization Inflammation, Nos
Preputial gland		Inflammation, Suppurative
Salivary gland		Hyperplasia, Lymphoid
Testis	Tubule	Degeneration, Nos
Thyroid		Degeneration, Cytologic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_025

TRT#: 4
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivascular Cuffing
Pancreas	Duct Nos	Inflammation, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Testis	Tubule	Degeneration, Nos
Urinary bladder		Hyperplasia, Epithelial
	Mucosa	Hypertrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_026

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart

Cardiac Valve

Melanin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_027

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung

Pelvis
Bronchiole

Pancreas
Salivary gland
Stomach
Testis

Tubule

Pigmentation, Nos
Inflammation, Acute/Chronic
Lymphocytic Inflammatory Infiltrate
Perivascular Cuffing
Inflammation, Focal
Hyperplasia, Lymphoid
Inflammation, Focal
Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_028

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Salivary gland		Perivascular Cuffing
Testis	Tubule	Perivascular Cuffing
		Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_029

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Lung

Salivary gland

Testis

Tubule

Perivascular Cuffing

Perivascular Cuffing

Perivascular Cuffing

Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_030

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart
Kidney

Cardiac Valve

Melanin
Inflammation, Interstitial
Nephrosis, Hydro

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_031

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Pelvis	Inflammation, Acute/Chronic
Liver		Perivascular Cuffing
Lung		Perivascular Cuffing
Salivary gland		Perivascular Cuffing
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
Trachea		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_032

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung

Medulla

Hyperplasia, Nos
Inflammation, Interstitial
Perivascular Cuffing

Pancreas
Testis

Tubule

Inflammation, Nos
Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_033

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Pigmentation, Nos
Liver		Metamorphosis, Fatty
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivascular Cuffing
Preputial gland		Inflammation, Nos
Salivary gland		Perivascular Cuffing
Stomach		Hyperplasia, Nos
	Mucosa	Sclerosis
Testis	Tubule	Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_034

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung

Cortex Nos
Pelvis
Bronchiole

Hyperplasia, Nos
Inflammation, Acute/Chronic
Lymphocytic Inflammatory Infiltrate
Perivascular Cuffing
Perivascular Cuffing
Inflammation, Acute/Chronic

Salivary gland
Skeletal muscle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_035

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Pelvis	Inflammation, Acute/Chronic
Lung		Inflammation, Interstitial
	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivascular Cuffing
Salivary gland		Perivascular Cuffing
Testis	Tubule	Degeneration, Nos
Thyroid		Metamorphosis, Fatty

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_036

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Kidney	Pelvis	Inflammation, Acute/Chronic
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivascular Cuffing
Salivary gland		Perivascular Cuffing
Testis	Tubule	Degeneration, Nos
Thyroid		Metamorphosis, Fatty

PRIMARY CAUSE OF DEATH

-

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_037

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Salivary gland
Skin

Inflammation, Nos
Hemangioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_038

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Pelvis	Lymphocytic Inflammatory Infiltrate
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
Salivary gland		Perivascular Cuffing
Thyroid		Perivascular Cuffing
		Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_040

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart

Cardiac Valve

Melanin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_041

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Crystals, Nos Inflammation, Interstitial
	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivascular Cuffing
Pancreas		Inflammation, Focal
Salivary gland		Perivascular Cuffing
Testis	Tubule	Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_042

TRT#: 4
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Alveoli

Inflammation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_043

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Pelvis	Inflammation, Acute/Chronic
Lung	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivascular Cuffing
Pancreas	Acinus	Atrophy, Focal
		Hyperplasia, Nodular
Salivary gland		Perivascular Cuffing
Stomach		Inflammation, Focal
Testis	Tubule	Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_044

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung

Bronchiole

Pancreas
Salivary gland
Testis
Trachea

Acinus

Tubule

Pigmentation, Nos
Crystals, Nos
Inflammation, Interstitial
Lymphocytic Inflammatory Infiltrate
Perivascular Cuffing
Atrophy, Focal
Perivascular Cuffing
Degeneration, Nos
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_045

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung

Pelvis

Bronchiole

Salivary gland
Testis

Tubule

Pigmentation, Nos
Inflammation, Acute/Chronic
Inflammation, Interstitial
Lymphocytic Inflammatory Infiltrate
Perivascular Cuffing
Perivascular Cuffing
Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_046

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos
Pelvis

Hyperplasia, Nos
Inflammation, Acute/Chronic
Inflammation, Interstitial

Lung

Crystals, Nos
Inflammation, Interstitial
Lymphocytic Inflammatory Infiltrate

Bronchiole

Salivary gland
Stomach

Perivascular Cuffing
Perivascular Cuffing
Ulcer, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_047

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung

Cortex Nos
Bronchiole

Hyperplasia, Nos
Lymphocytic Inflammatory Infiltrate
Perivascular Cuffing
Perivascular Cuffing
Degeneration, Nos

Salivary gland
Testis

Tubule

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_048

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Crystals, Nos Inflammation, Interstitial
	Bronchiole	Lymphocytic Inflammatory Infiltrate Perivascular Cuffing
Salivary gland		Perivascular Cuffing
Stomach		Inflammation, Focal
Testis	Tubule	Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_049

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung

Cortex Nos

Bronchiole

Testis

Tubule

Hyperplasia, Focal
Alveolar/Bronchiolar Adenoma
Lymphocytic Inflammatory Infiltrate
Perivascular Cuffing
Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02120
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/C57BL/6

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: L-Arginine Glutamate
CAS Number: 4320-30-3

Date Report Requested: 10/26/2014
Time Report Requested: 13:54:10
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_050

TRT#: 4
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Inflammation, Interstitial
	Bronchiole	Lymphocytic Inflammatory Infiltrate
		Perivascular Cuffing
Salivary gland		Perivascular Cuffing

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****