

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

C Number:	C92002B
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 92002-04
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Route: DOSED FEED
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 6	TRT#: 1 DOSE: 0 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 50 HISTO: 2106010006
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Epididymis
* Esophagus	* Heart	* Lacrimal Gland	* Lung - Bronchus
* Lymph Node - Mandibular	* Lymph Node - Mesenteric	* Nose	* Peripheral Nerve
* Preputial Gland	* Salivary Glands	* Skeletal Muscle	* Testes
* Tongue			

MISSING

* Ear	* Larynx	* Mammary Gland	* Parathyroid Gland
* Zymbal's Gland			

AUTO PRECLUDES DIAG.

* Adrenal Gland	* Bone Marrow	* Brain - Cerebellum	* Brain - Cerebrum
* Coagulating Gland	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large - Cecum	* Intestine Large - Colon	* Intestine Large - Rectum	* Intestine Small - Duodenum
* Intestine Small - Ileum	* Intestine Small - Jejunum	* Kidney	* Liver
* Pancreas	* Prostate	* Seminal Vesicle	* Spinal Cord - Thoracic
* Spleen	* Stomach - Forestomach	* Stomach - Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Skin	Hyperkeratosis	Focal, Mild
	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: COD... UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 7	TRT#: 4	SEX: Male	DAY ON TEST: 94
	DOSE: 80 PPM	DISP: Natural Death	HISTO: 21060100007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Colon	Lacrimal Gland
Liver	Lung - Bronchus	Lymph Node - Mesenteric	Nose
Pancreas	Peripheral Nerve	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Testes	Tongue	Zymbal's Gland	

MISSING

Larynx	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Thymus	Thyroid Gland	Trachea	

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Seminal Vesicle	Stomach - Glandular	

OBSERVATIONS

Bone Marrow		Hyperplasia	Diffuse, Mild
Kidney	Pelvis, Right	Dilatation	Diffuse, Mild
Note: LEFT NORM			
Preputial Gland		Cyst	Multifocal, Mild
Prostate		Inflammation	Chronic, Mild
Spleen		Depletion Lymphoid	Multifocal, Mild
Urinary Bladder		Dilatation	Moderate
		Inflammation	Chronic, Moderate

[Inflammation TGLS = 1-9]

PRIMARY CAUSE OF DEATH - Urinary Bladder Inflammation

Animal Note: COD... PROBABLE-URINARY BLADDER-INFLAMMATION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 8	TRT#: 2	SEX: Male	DAY ON TEST: 166
	DOSE: 5 PPM	DISP: Harvest	HISTO: 21060100008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lacrimal Gland	Larynx	Liver	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Prostate	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder

MISSING

Ear	Mammary Gland	Pituitary Gland	Zymbal's Gland
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OBSERVATIONS

Bone Marrow	Hyperplasia	Multifocal, Mild
Note: HYPERPLASIA = WHITE CELLS		
Preputial Gland	Cyst	Multifocal, Mild
Salivary Glands	Inflammation	Subacute, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 13

TRT#: 4

SEX: Male

DAY ON TEST: 271

DOSE: 80 PPM

DISP: Natural Death

HISTO: 21060100013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Ear	Esophagus	Lung - Bronchus	Peripheral Nerve
Skeletal Muscle	Spinal Cord - Thoracic	Stomach - Glandular	Testes
Tongue			

MISSING

Adrenal Gland	Lacrimal Gland	Larynx	Mammary Gland
Parathyroid Gland	Pituitary Gland		

AUTO PRECLUDES DIAG.

Brain - Cerebellum	Brain - Cerebrum	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Blood Vessel	Aorta	Lymphoma Malignant
Bone	Femur	Lymphoma Malignant
	Sternum	Lymphoma Malignant
Bone Marrow		Lymphoma Malignant
Note: PRIMARY SITE		
Coagulating Gland		Lymphoma Malignant
Epididymis		Lymphoma Malignant
Gallbladder		Lymphoma Malignant
Harderian Gland		Lymphoma Malignant
Heart		Lymphoma Malignant
Kidney		Lymphoma Malignant
[Lymphoma Malignant TGLS = 2-2.1]		
Liver		Lymphoma Malignant
[Lymphoma Malignant TGLS = 4-2]		
Lung		Lymphoma Malignant
Lymph Node	Inguinal	Lymphoma Malignant
	Mandibular	Lymphoma Malignant
	Mesenteric	Lymphoma Malignant
[Lymphoma Malignant TGLS = 5-8]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 13	TRT#: 4	SEX: Male	DAY ON TEST: 271
	DOSE: 80 PPM	DISP: Natural Death	HISTO: 21060100013

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 7-3]		
[Lymphoma Malignant TGLS = 6-5]		
Nose		Lymphoma Malignant
Pancreas		Lymphoma Malignant
Preputial Gland		Lymphoma Malignant
Prostate		Lymphoma Malignant
Salivary Glands		Lymphoma Malignant
Seminal Vesicle		Lymphoma Malignant
Skin		Lymphoma Malignant
Spleen		Lymphoma Malignant
[Lymphoma Malignant TGLS = 1-2]		
Stomach	Forestomach	Lymphoma Malignant
Testes		
Note: ONLY ONE AVAILABLE		
Thymus		Lymphoma Malignant
[Lymphoma Malignant TGLS = 3-1.1]		
Thyroid Gland		Lymphoma Malignant
Trachea		Lymphoma Malignant
Urinary Bladder		Lymphoma Malignant
Zymbal's Gland		Lymphoma Malignant

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: COD... PROBABLE-LYMPHOMA MALIGNANT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 14	TRT#: 2	SEX: Male	DAY ON TEST: 280
	DOSE: 5 PPM	DISP: Natural Death	HISTO: 21060100014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone - Femur	Ear	Lung - Bronchus	Peripheral Nerve
Salivary Glands	Skeletal Muscle	Tongue	

MISSING

Zymbal's Gland

AUTO PRECLUDES DIAG.

Adrenal Gland	Coagulating Gland	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Larynx	* Liver
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Seminal Vesicle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Blood Vessel	Aorta	Lymphoma Malignant
Bone	Sternum	Lymphoma Malignant
Bone Marrow		Lymphoma Malignant
Note: PRIMARY SITE		
Brain	Cerebrum	Lymphoma Malignant
Heart		Lymphoma Malignant
* Kidney		Lymphoma Malignant
Lung		Lymphoma Malignant
Nose		Lymphoma Malignant
Thymus		Lymphoma Malignant

[Lymphoma Malignant TGLS = 1-1.1]

PRIMARY CAUSE OF DEATH - Brain Cerebrum Lymphoma Malignant

Animal Note: COD... PROBABLE-LYMPHOMA MALIGNANT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 15 **TRT#:** 4 **SEX:** Male **DAY ON TEST:** 342
DOSE: 80 PPM **DISP:** Natural Death **HISTO:** 21060100015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Heart	Kidney
Lacrimal Gland	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tongue
Trachea	Urinary Bladder		

MISSING

Zymbal's Gland

AUTO PRECLUDES DIAG.

Eye	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Mammary Gland		

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Diffuse, Mild
Liver		Hemangiosarcoma	
	Hepatocyte	Hypertrophy	Diffuse, Moderate
		Necrosis	Multifocal, Minimal
[Hemangiosarcoma TGLS = 1-2.1]			
Preputial Gland		Cyst	Multifocal, Mild
Spleen		Hyperplasia	Moderate
Note: HYPERPLASIA ERYTHROID CELLS			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: COD...UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 16	TRT#: 4	SEX: Male	DAY ON TEST: 333
	DOSE: 80 PPM	DISP: Moribund	HISTO: 21060100016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Coagulating Gland	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Larynx	Liver
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Peripheral Nerve	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tongue	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Ear	Mammary Gland	Parathyroid Gland	Pituitary Gland
Thyroid Gland			

INSUFFICIENT TISSUE

Adrenal Gland

OBSERVATIONS

Brain	Cerebrum	Mineralization	Focal, Mild
Epididymis	Unilateral	Inflammation	Subacute, Focal, Minimal
Kidney	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
Note: RIGHT NORMAL			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Testes	Unilateral	Mineralization	Multifocal, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: COD...UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 17

TRT#: 4

SEX: Male

DAY ON TEST: 333

DOSE: 80 PPM

DISP: Moribund

HISTO: 21060100017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Bone Marrow	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Peripheral Nerve	Prostate
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tongue	Trachea	Urinary Bladder

MISSING

Ear	Mammary Gland	Parathyroid Gland	Pituitary Gland
Zymbal's Gland			

OBSERVATIONS

Harderian Gland		Inflammation	Subacute, Minimal
Kidney	Cortex, Renal Tubule	Degeneration	Multifocal, Mild
Liver		Granuloma	Mild
	Centrilobular	Vacuolization Cytoplasmic	Moderate
Mammary Gland			
Note: TGL#01-NOTED GROSSLY AS MAMMARY WAS PREPUTIAL			
Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-3]			
Salivary Glands		Inflammation	Subacute, Mild
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH - Preputial Gland Inflammation

Animal Note: COD...PROBABLE-INFLAMMATION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:29

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 18

TRT#: 2

SEX: Male

DAY ON TEST: 340

DOSE: 5 PPM

DISP: Moribund

HISTO: 21060100018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Bone Marrow	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Liver	Lung - Bronchus	Lymph Node - Mandibular
Nose	Pancreas	Peripheral Nerve	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Tongue
Urinary Bladder	Zymbal's Gland		

MISSING

Ear	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Thyroid Gland	Trachea	

OBSERVATIONS

Adrenal GI			
Note: ONLY ONE			
Intestine Large	Anus, Mucosa, Rectum	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-4]			
Intestine Large, Rectum		Cyst	Focal, Multiple, Moderate
Kidney	Cortex, Renal Tubule	Degeneration	Multifocal, Mild
Thyroid GI			
Note: MISS AT TRIM			

PRIMARY CAUSE OF DEATH - Intestine Large, Rectum Cyst

Animal Note: COD...PROBABLE-RECTAL PROLAPSE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 24 **TRT#:** 2 **SEX:** Male **DAY ON TEST:** 376
DOSE: 5 PPM **DISP:** Moribund **HISTO:** 21060100024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Brain - Cerebellum	Brain - Cerebrum	Epididymis	Esophagus
Eye	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Liver	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Peripheral Nerve	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Tongue	Trachea	Urinary Bladder	

MISSING

Coagulating Gland	Ear	Gallbladder	Parathyroid Gland
Thymus	Zymbal's Gland		

OBSERVATIONS

Bone Marrow		Hyperplasia	Multifocal, Mild
Intestine Large	Anus, Rectum	Inflammation	Chronic, Multifocal, Mild
[Inflammation TGLS = 3-4]			
Intestine Large, Rectum		Inflammation	Chronic, Focal, Multiple, Mild
Kidney	Cortex, Renal Tubule	Degeneration	Multifocal, Mild
Preputial Gland		Inflammation	Subacute, Mild
Skin		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-3]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-2]			

PRIMARY CAUSE OF DEATH -

CONTRIBUTORY CAUSE OF DEATH - Intestine Large;Rectum Inflammation;Skin Squamous Cell Carcinoma

Animal Note: COD...CONTRIBUTORY-SQUAMOUS CELL CARCINOMA (SKIN) -RECTAL PROLAPSE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 26	TRT#: 1	SEX: Male	DAY ON TEST: 425
	DOSE: 0 PPM	DISP: Moribund	HISTO: 21060100026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lacrimal Gland	Larynx	Liver	Lung - Bronchus
Lymph Node - Mesenteric	Nose	Pancreas	Peripheral Nerve
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Tongue	Trachea	Urinary Bladder	

MISSING

Ear	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Preputial Gland	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: COD...UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 27 **TRT#:** 2 **SEX:** Male **DAY ON TEST:** 429
DOSE: 5 PPM **DISP:** Natural Death **HISTO:** 21060100027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Epididymis	Harderian Gland
Heart	Intestine Large - Rectum	* Kidney	Lacrimal Gland
Larynx	* Liver	Lung - Bronchus	Lymph Node - Mesenteric
Nose	Pancreas	Peripheral Nerve	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tongue
Trachea			

MISSING

Ear	Gallbladder	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland	Thymus	Zymbal's Gland	

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Mild
Esophagus		Hyperkeratosis	Diffuse, Mild
* Kidney			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Skin		Hemangioma	
[Hemangioma TGLS = 1-11]			
Urinary Bladder		Dilatation	Marked
Note: APPREARS NORMAL BUT DILATED			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: COD...UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 447

DOSE: 0 PPM

DISP: Moribund

HISTO: 21060100035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lacrimal Gland	Larynx	Liver	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Preputial Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Mammary Gland	Pituitary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Mild
Salivary Glands		Fibrosarcoma	Metastatic (Skin)
Skin		Fibrosarcoma	

Note: TGL#1-NULLIFIED BY TRIMMER

[Fibrosarcoma TGLS = 2-11]

PRIMARY CAUSE OF DEATH

- Skin Fibrosarcoma

Animal Note: COD...PROBABLE-SKIN,FIBROSARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 38	TRT#: 2 DOSE: 5 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 479 HISTO: 21060100038
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Bone Marrow	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Ear	Epididymis	Harderian Gland	Heart
Intestine Large - Rectum	Lacrimal Gland	Lung - Bronchus	Nose
Pancreas	Peripheral Nerve	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Testes
Thyroid Gland	Tongue	Trachea	Zymbal's Gland

MISSING

Larynx	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Thymus		

AUTO PRECLUDES DIAG.

Eye	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Stomach - Forestomach
Stomach - Glandular			

OBSERVATIONS

Esophagus		Hyperkeratosis	Multifocal, Mild
* Kidney		Inflammation	Focal, Mild
* Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
Lymph Node	Mandibular	Pigmentation	Hemosiderin, Multifocal, Minimal
Note: BROWN			
Preputial Gland		Cyst	Multifocal, Mild
Prostate		Inflammation	Chronic, Moderate
Spleen		Edema	Multifocal, Mild
		Hemorrhage	Multifocal, Mild
Urinary Bladder		Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-9]			

PRIMARY CAUSE OF DEATH - Prostate Inflammation

Animal Note: COD...PROBABLE-PROSTATE GLAND,INFLAMMATION CHRONIC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 45 TRT#: 1 SEX: Male DAY ON TEST: 563
DOSE: 0 PPM DISP: Natural Death HISTO: 21060100045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Bone Marrow
* Brain - Cerebellum	* Brain - Cerebrum	* Coagulating Gland	* Epididymis
* Esophagus	* Harderian Gland	* Heart	* Intestine Large - Cecum
* Intestine Large - Colon	* Intestine Large - Rectum	* Intestine Small - Duodenum	* Intestine Small - Ileum
* Intestine Small - Jejunum	* Lacrimal Gland	* Lung - Bronchus	* Lymph Node - Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord - Thoracic	* Spleen	* Stomach - Forestomach
* Stomach - Glandular	* Testes	* Thyroid Gland	* Tongue
* Trachea	* Urinary Bladder		

MISSING

* Ear	* Larynx	* Mammary Gland	* Thymus
* Zymbal's Gland			

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder
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OBSERVATIONS

* Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
* Kidney		Inflammation	Subacute, Multifocal, Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Lymph Node	Mesenteric	Hemorrhage	Multifocal, Mild
* Preputial Gland	Bilateral	Hyperplasia	Diffuse, Moderate
	Bilateral	Hypertrophy	Diffuse, Moderate
* Seminal Vesicle		Inflammation	Subacute, Multifocal, Moderate
Note: PROTEINOSIS PLUG 3			
* Urin Bladder			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: COD...UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 46	TRT#: 5	SEX: Male	DAY ON TEST: 573
	DOSE: 150 PPM	DISP: Moribund	HISTO: 21060100046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Peripheral Nerve	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Lymph Node - Mesenteric	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Minimal
		Lymphoma Malignant	
Bone Marrow		Hyperplasia	Multifocal, Mild
Kidney		Glomerulosclerosis	Multifocal, Mild
Liver		Lymphoma Malignant	
Note: TGL#4-NULIFIED BY TRIMMER [Lymphoma Malignant TGLS = 2,3-2 + 2.1]			
Nose		Lymphoma Malignant	
Preputial Gland		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
Note: SPLEEN IS PRIMARY SITE FOR LYMPNOMA [Lymphoma Malignant TGLS = 1-2.1]			

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: COD...PROBABLE-SPLEEN,LYMPH MAL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 54

TRT#: 4

SEX: Male

DAY ON TEST: 574

DOSE: 80 PPM

DISP: Natural Death

HISTO: 21060100054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Peripheral Nerve
Preputial Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Gallbladder	Larynx	Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
Harderian Gland		Inflammation	Subacute, Minimal
Kidney		Glomerulosclerosis	Multifocal, Mild
Liver	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Mild
[Hepatocellular Adenoma TGLS = 2-2]			
Pancreas		Inflammation	Subacute, Focal, Minimal
Salivary Glands		Inflammation	Subacute, Mild
Spleen		Hemangiosarcoma	
		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-2]			

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

Animal Note: COD...PROBABLE-SPLEEN,HEMANGIOSARC

BONE MARROW

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 58	TRT#: 3	SEX: Male	DAY ON TEST: 613
	DOSE: 15 PPM	DISP: Natural Death	HISTO: 21060100058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Ear	Heart	* Liver
Peripheral Nerve	Pituitary Gland	Skeletal Muscle	Tongue
Zymbal's Gland			

MISSING

Thymus

AUTO PRECLUDES DIAG.

Adrenal Gland	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	* Kidney	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Stomach	Glandular	Adenocarcinoma
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[Adenocarcinoma TGLS = 1-4]

PRIMARY CAUSE OF DEATH - Stomach Glandular Adenocarcinoma

Animal Note: COD...PROBABLE-STOMACH,ADENOCARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 60	TRT#: 4	SEX: Male	DAY ON TEST: 632
	DOSE: 80 PPM	DISP: Moribund	HISTO: 21060100060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Preputial Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Harderian Gland		Inflammation	Subacute, Minimal
Kidney		Glomerulosclerosis	Multifocal, Minimal
Liver	Hepatocyte	Hypertrophy	Diffuse, Mild
Salivary Glands		Inflammation	Subacute, Mild
Skin		Fibrosarcoma	

[Fibrosarcoma TGLS = 1-11]

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Animal Note: COD...PROBABLE-SKIN,FIBROSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 61	TRT#: 5	SEX: Male	DAY ON TEST: 627
	DOSE: 150 PPM	DISP: Moribund	HISTO: 21060100061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Preputial Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Gallbladder	Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Inflammation	Subacute, Multifocal, Minimal
Liver	Hepatocyte	Hypertrophy	Diffuse, Moderate
Lymph Node	Mandibular	Pigmentation	Multifocal, Minimal
Mammary GI			
Note: TGL#3-NOTED GROSSLY AS MAMMARY WAS SKIN			
Salivary Glands		Inflammation	Chronic, Minimal
Skin		Fibrosarcoma	
		Inflammation	Chronic, Marked
[Fibrosarcoma TGLS = 1,2,3-3.1 + 3.2]			
Spleen		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Animal Note: COD...PROBABLE-SKIN,FIBROSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 68 **TRT#:** 2 **SEX:** Male **DAY ON TEST:** 656
DOSE: 5 PPM **DISP:** Natural Death **HISTO:** 21060100068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Coagulating Gland	Ear	Epididymis
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lung - Bronchus	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Preputial Gland
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Esophagus	Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Cerebrum	Cyst	Focal, Moderate
	Cerebrum	Mineralization	Multifocal, Minimal
Eye	Unilateral	Hyperplasia	Melanocyte, Focal, Moderate
* Kidney		Glomerulosclerosis	Multifocal, Mild
Lacrimal Gland		Inflammation	Subacute, Focal, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2]		
Lung	Perivascular	Inflammation	Subacute, Multifocal, Minimal
Lymph Node	Mesenteric	Hemorrhage	Multifocal, Mild
	Mandibular	Pigmentation	Multifocal, Minimal
Salivary Glands		Inflammation	Subacute, Mild
Stomach	Forestomach	Hyperkeratosis	Diffuse, Mild
	Forestomach	Hyperplasia	Diffuse, Mild
Testes	Bilateral	Inflammation	Subacute, Multifocal, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 68

TRT#: 2

SEX: Male

DAY ON TEST: 656

DOSE: 5 PPM

DISP: Natural Death

HISTO: 21060100068

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: COD...PROBABLE-LIVER,HEPATOCLR ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 69	TRT#: 1	SEX: Male	DAY ON TEST: 654
	DOSE: 0 PPM	DISP: Moribund	HISTO: 21060100069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone - Femur	Bone - Sternum	Bone Marrow	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Esophagus
Eye	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Lacrimal Gland	Larynx
Lung - Bronchus	Lymph Node - Mesenteric	Nose	Pancreas
Peripheral Nerve	Prostate	Seminal Vesicle	Skeletal Muscle
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Tongue	Urinary Bladder	Zymbal's Gland

MISSING

Blood Vessel - Aorta	Gallbladder	Mammary Gland	Parathyroid Gland
Pituitary Gland	Thyroid Gland	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Epididymis	Unilateral	Mineralization	Focal, Minimal
Liver	Hepatocyte	Hypertrophy	Diffuse, Minimal
	Centrilobular	Vacuolization Cytoplasmic	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mandibular	Fibrosarcoma	Metastatic (Skin)
Preputial Gland		Inflammation	Subacute, Mild
Salivary Glands		Fibrosarcoma	Metastatic (Skin)
Skin		Fibrosarcoma	
	[Fibrosarcoma TGLS = 1-3]		
Spleen		Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Animal Note: COD...PROBABLE-SKIN,FIBROSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 73 TRT#: 1 SEX: Male DAY ON TEST: 685
DOSE: 0 PPM DISP: Natural Death HISTO: 21060100073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Gland	* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum
* Bone Marrow	* Brain - Cerebellum	* Coagulating Gland	* Ear
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Lung - Bronchus	* Lymph Node - Mandibular	* Lymph Node - Mesenteric	* Nose
* Pancreas	* Peripheral Nerve	* Preputial Gland	* Salivary Glands
* Skeletal Muscle	* Spinal Cord - Thoracic	* Stomach - Forestomach	* Testes
* Thyroid Gland	* Tongue		

MISSING

* Gallbladder	* Lacrimal Gland	* Larynx	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Thymus	* Zymbal's Gland

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large - Cecum	* Intestine Large - Colon	* Intestine Large - Rectum
* Intestine Small - Duodenum	* Intestine Small - Ileum	* Intestine Small - Jejunum	* Prostate
* Seminal Vesicle	* Stomach - Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain	Cerebrum	Mineralization	Multifocal, Mild
* Kidney		Glomerulosclerosis	Multifocal, Mild
* Liver		Hepatocellular Adenoma	
	Centrilobular	Hepatocellular Carcinoma	
		Vacuolization Cytoplasmic	Mild
Note: CARC NOTED GROSSLY AS ABDOMINAL CAVITY RIGHT			
			[Hepatocellular Adenoma TGLS = 3-2]
			[Hepatocellular Carcinoma TGLS = 2-11]
* Skin		Sarcoma	
			[Sarcoma TGLS = 1-11]
* Spleen		Congestion	Multifocal, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: COD...PROBABLE-HEPATOCELLULAR CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 657

DOSE: 15 PPM

DISP: Moribund

HISTO: 21060100077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea	Zymbal's Gland		

MISSING

Larynx	Mammary Gland	Prostate	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Kidney		Glomerulosclerosis	Multifocal, Minimal
Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Diffuse, Mild
	[Hepatocellular Adenoma TGLS = 2,3-2+2.1]		
Lymph Node	Mesenteric	Hyperplasia	Mononuclear Cl, Multifocal, Mild
	Mandibular	Pigmentation	Multifocal, Mild
Skin		Fibrosarcoma	
	[Fibrosarcoma TGLS = 1-3]		
Spleen		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Animal Note: COD...PROBABLE-SKIN,FIBROSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 78	TRT#: 4	SEX: Male	DAY ON TEST: 643
	DOSE: 80 PPM	DISP: Moribund	HISTO: 21060100078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebrum	Coagulating Gland	Ear	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tongue	Trachea
Zymbal's Gland			

MISSING

Brain - Cerebellum	Epididymis	Intestine Small - Duodenum	Lacrimal Gland
Larynx			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Minimal
Eye			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Kidney		Cyst	Mild
Liver	Hepatocyte	Hypertrophy	Diffuse, Mild
		Necrosis	Multifocal, Mild
	Centrilobular	Vacuolization Cytoplasmic	Moderate
Nose		Inflammation	Chronic, Multifocal, Mild
Preputial Gland	Bilateral	Cyst	Multifocal, Moderate
Salivary Glands		Inflammation	Chronic, Minimal
Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1,2-3]			
Spleen		Hyperplasia	Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 78

TRT#: 4

SEX: Male

DAY ON TEST: 643

DOSE: 80 PPM

DISP: Moribund

HISTO: 21060100078

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: COD...PROBABLE-SKIN,FIBROSARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 80	TRT#: 1	SEX: Male	DAY ON TEST: 671
	DOSE: 0 PPM	DISP: Moribund	HISTO: 21060100080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lacrimal Gland	Liver	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Peripheral Nerve
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Tongue	Urinary Bladder

MISSING

Larynx	Mammary Gland	Parathyroid Gland	Pituitary Gland
Thyroid Gland	Trachea	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia Pheochromocytoma Benign	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Mammary Gland			
Note: TGL#1-NOTED GROSSLY AS MAMMARY WAS SKIN			
Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-3]			
Spleen		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Animal Note: COD...PROBABLE-SKIN,FIBROSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 81	TRT#: 4	SEX: Male	DAY ON TEST: 668
	DOSE: 80 PPM	DISP: Moribund	HISTO: 21060100081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebrum
Coagulating Gland	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Larynx	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Peripheral Nerve	Pituitary Gland	Preputial Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Tongue
Trachea	Urinary Bladder		

MISSING

Epididymis	Mammary Gland	Parathyroid Gland	Thyroid Gland
Zymbal's Gland			

INSUFFICIENT TISSUE

Brain - Cerebellum

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Moderate
Kidney		Inflammation	Chronic, Focal, Mild
Liver		Granuloma	Minimal
Salivary Glands		Inflammation	Chronic, Mild
Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-3]			
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Animal Note: COD...PROBABLE-SKIN,FIBROSARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 82	TRT#: 4	SEX: Male	DAY ON TEST: 691
	DOSE: 80 PPM	DISP: Natural Death	HISTO: 21060100082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Heart
Lung - Bronchus	Lymph Node - Mandibular	Peripheral Nerve	Skeletal Muscle
Skin	Stomach - Glandular	Testes	Tongue
Zymbal's Gland			

MISSING

Intestine Large - Rectum	Larynx	Mammary Gland	Parathyroid Gland
Pituitary Gland	Thymus	Thyroid Gland	Trachea

AUTO PRECLUDES DIAG.

Coagulating Gland	Epididymis	Eye	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lacrimal Gland
Pancreas	Prostate	Salivary Glands	Seminal Vesicle
Spinal Cord - Thoracic	Stomach - Forestomach	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone Marrow		Histiocytic Sarcoma	
		Hyperplasia	Diffuse, Moderate
Liver		Histiocytic Sarcoma	
		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 1,2-2]		
Lung		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Nose		Proliferation	Multifocal, Moderate
Preputial Gland	Bilateral	Cyst	Multifocal, Moderate
Spleen		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: COD...PROBABLE-HISTIOCYTIC SARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 83

TRT#: 5
DOSE: 150 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 691
HISTO: 21060100083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Gland	* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum
* Brain - Cerebellum	* Brain - Cerebrum	* Ear	* Epididymis
* Esophagus	* Heart	* Intestine Large - Rectum	* Kidney
* Lacrimal Gland	* Lung - Bronchus	* Peripheral Nerve	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord - Thoracic	* Stomach - Forestomach	* Testes
* Thyroid Gland	* Tongue		

MISSING

* Coagulating Gland	* Larynx	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Thymus	* Zymbal's Gland	

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Harderian Gland	* Intestine Large - Cecum
* Intestine Large - Colon	* Intestine Small - Duodenum	* Intestine Small - Ileum	* Intestine Small - Jejunum
* Pancreas	* Stomach - Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
		Necrosis	Multifocal, Moderate
[Histiocytic Sarcoma TGLS = 2-2]			
* Lung		Histiocytic Sarcoma	
* Lymph Node	Mandibular	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-8]			
* Nose		Inflammation	Subacute, Multifocal, Minimal
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-2]			

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: COD...PROBABLE-HISTIOCYTIC SARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 84	TRT#: 3 DOSE: 15 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: 656 HISTO: 21060100084
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Heart	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Peripheral Nerve
Spinal Cord - Thoracic	Thymus		

MISSING

Ear	Mammary Gland	Parathyroid Gland	Pituitary Gland
Thyroid Gland	Tongue	Trachea	Zymbal's Gland

AUTO PRECLUDES DIAG.

Adrenal Gland	Coagulating Gland	Epididymis	Eye
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
* Kidney	Nose	Pancreas	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Histiocytic Sarcoma
* Liver		Histiocytic Sarcoma
[Histiocytic Sarcoma TGLS = 1-2]		
Lung		Histiocytic Sarcoma
[Histiocytic Sarcoma TGLS = 2-1]		
Lymph Node	Mesenteric	Histiocytic Sarcoma
[Histiocytic Sarcoma TGLS = 3-8]		

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: COD...PROBABLE-HISTIOCYTIC SARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 85	TRT#: 5	SEX: Male	DAY ON TEST: 680
	DOSE: 150 PPM	DISP: Natural Death	HISTO: 21060100085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Bone Marrow
* Brain - Cerebellum	* Brain - Cerebrum	* Coagulating Gland	* Ear
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Kidney	* Larynx	* Lung - Bronchus	* Nose
* Pancreas	* Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord - Thoracic
* Stomach - Forestomach	* Testes	* Thyroid Gland	* Tongue
* Trachea	* Zymbal's Gland		

MISSING

* Gallbladder	* Lacrimal Gland	* Mammary Gland	* Parathyroid Gland
* Thymus			

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large - Cecum	* Intestine Large - Colon	* Intestine Large - Rectum
* Intestine Small - Duodenum	* Intestine Small - Ileum	* Intestine Small - Jejunum	* Seminal Vesicle
* Stomach - Glandular	* Urinary Bladder		

OBSERVATIONS

* Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-2]		
* Lung		Inflammation	Chronic, Multifocal, Minimal
* Lymph Node	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen		Depletion Lymphoid	Multifocal, Mild
		Hemorrhage	Multifocal, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: COD...PROBABLE-HEPATOCELLULAR CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 87

TRT#: 5

SEX: Male

DAY ON TEST: 699

DOSE: 150 PPM

DISP: Moribund

HISTO: 21060100087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Mammary Gland Thymus

OBSERVATIONS

Adrenal Gland Note: ONLY 1	Cortex, Spindle Cell, Unilateral	Hyperplasia	Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Harderian Gland		Inflammation	Chronic, Mild
Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Chronic, Multifocal, Mild
Liver	Hepatocyte	Apoptosis	Minimal
	Hepatocyte	Hypertrophy	Diffuse, Marked
Lung		Inflammation	Chronic, Multifocal, Mild
Preputial Gland		Inflammation	Chronic, Moderate
Skin [Fibrosarcoma TGLS = 1-11]		Fibrosarcoma	
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Animal Note: COD...PROBABLE-SKIN,FIBROSARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:29

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 93

TRT#: 2

SEX: Male

DAY ON TEST: 697

DOSE: 5 PPM

DISP: Moribund

HISTO: 21060100093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Esophagus
Eye	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Lung - Bronchus	Lymph Node - Mandibular	Nose
Pancreas	Pituitary Gland	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea	Zymbal's Gland		

MISSING

Gallbladder	Larynx	Mammary Gland	Parathyroid Gland
Peripheral Nerve			

OBSERVATIONS

Adrenal Gland Note: ONLY 1	Cortex, Spindle Cell, Unilateral	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Mild
Epididymis	Unilateral	Inflammation	Chronic, Focal, Minimal
Harderian Gland		Inflammation	Chronic, Minimal
Kidney	Cortex, Renal Tubule	Hyperplasia Inflammation	Focal, Mild Chronic, Multifocal, Mild
Liver [Hepatocellular Carcinoma TGLS = 1-2.1]	Centrilobular	Hepatocellular Carcinoma Vacuolization Cytoplasmic	Mild
Lung		Inflammation	Subacute, Focal, Minimal
Lymph Node	Mesenteric	Hyperplasia	Mild
Preputial Gland	Bilateral	Cyst	Multifocal, Mild
Prostate		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Mild
Seminal Vesicle		Inflammation	Chronic, Focal, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 93

TRT#: 2

SEX: Male

DAY ON TEST: 697

DOSE: 5 PPM

DISP: Moribund

HISTO: 21060100093

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: COD...PROBABLE-HEPATOCELLULAR CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 94 **TRT#:** 4 **SEX:** Male **DAY ON TEST:** 690
DOSE: 80 PPM **DISP:** Natural Death **HISTO:** 21060100094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Ear	Esophagus	Harderian Gland	Heart
Intestine Large - Colon	Intestine Large - Rectum	Lacrimal Gland	Larynx
Lung - Bronchus	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Peripheral Nerve	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Gallbladder	Mammary Gland	Pituitary Gland	Thymus
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Minimal
Bone	Femur	Histiocytic Sarcoma	
	Sternum	Histiocytic Sarcoma	
Bone Marrow		Histiocytic Sarcoma	
Epididymis		Histiocytic Sarcoma	
Kidney		Histiocytic Sarcoma	
Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-2]			
Lung		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-8]			
Nose		Histiocytic Sarcoma	
Preputial Gland		Cyst	Multifocal, Moderate
Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-2]			
Testes		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 94

TRT#: 4

SEX: Male

DAY ON TEST: 690

DOSE: 80 PPM

DISP: Natural Death

HISTO: 21060100094

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH

- Bone Marrow Histiocytic Sarcoma

Animal Note: COD...PROBABLE-BONE MARROW,HISTIOCYTIC SARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 95	TRT#: 4	SEX: Male	DAY ON TEST: 729
	DOSE: 80 PPM	DISP: Terminal Sacrifice	HISTO: 21060100095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Degeneration	Focal, Mild
Lymph Node	Mesenteric	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-8.1]		
Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 96	TRT#: 4 DOSE: 80 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100096
OBSERVATIONS			
Kidney		Inflammation	Chronic, Focal, Minimal
Liver	Hepatocyte	Hepatocellular Carcinoma Hypertrophy	Diffuse, Mild
[Hepatocellular Carcinoma TGLS = 1-2]			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 97	TRT#: 4 DOSE: 80 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100097
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver		Granuloma	Minimal
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Mild
		Necrosis	Multifocal, Minimal
[Hepatocellular Adenoma TGLS = 1-2.1]			
Lymph Node	Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3]			
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 98

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100098

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Mild
Chronic, Focal, Minimal

Liver

Hepatocyte

Granuloma
Hypertrophy
Infiltration Cellular
Vacuolization Cytoplasmic

Minimal
Diffuse, Mild
Lymphocytic, Multifocal, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 99	TRT#: 4 DOSE: 80 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100099
OBSERVATIONS			
Kidney	Cortex, Renal Tubule	Degeneration Inflammation	Focal, Mild Chronic, Multifocal, Mild
Liver	Hepatocyte	Hypertrophy	Diffuse, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 100

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100100

OBSERVATIONS

Kidney
Liver

Hepatocyte

Hyperplasia
Hypertrophy
Infiltration Cellular

Focal, Minimal
Diffuse, Mild
Lymphocytic, Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 101

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100101

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Minimal
Chronic, Multifocal, Minimal

Liver

Hepatocyte
Centrilobular

Hypertrophy
Vacuolization Cytoplasmic

Diffuse, Mild
Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 102	TRT#: 1	SEX: Male	DAY ON TEST: 740
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Larynx	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Epididymis		Inflammation	Chronic, Focal, Moderate
Lacrimal Gland		Inflammation	Chronic, Multifocal, Mild
Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
[Hepatocellular Adenoma TGLS = 1-2]			
Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Multifocal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 103

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone Marrow	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Liver	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder

MISSING

Larynx	Mammary Gland	Zymbal's Gland
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INSUFFICIENT TISSUE

Bone - Sternum

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Preputial Gland	Bilateral	Cyst	Multifocal, Moderate
Sem Ves			
Note: SLIDE 9			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 104

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Preputial Gland
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tongue	Trachea
Zymbal's Gland			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Coagulating Gland		Inflammation	Chronic, Focal, Minimal
Harderian Gland		Inflammation	Chronic, Mild
Kidney		Inflammation	Chronic, Focal, Minimal
Lacrimal Gland		Inflammation	Chronic, Focal, Mild
Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2]		
Lung		Inflammation	Chronic, Multifocal, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 105 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 740
DOSE: 0 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Tongue	Trachea		

MISSING

Larynx	Mammary Gland	Zymbal's Gland
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INSUFFICIENT TISSUE

Stomach - Glandular

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Mild
Coagulating Gland		Inflammation	Chronic, Focal, Minimal
Kidney	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
		Inflammation	Chronic, Multifocal, Minimal
Liver	Centrilobular	Vacuolization Cytoplasmic	Moderate
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mandibular	Hyperplasia	Moderate
Preputial Gland		Cyst	Multifocal, Mild
Skin		Hyperplasia	Focal, Moderate
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 107	TRT#: 1	SEX: Male	DAY ON TEST: 740
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Liver	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Preputial Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Esophagus		Inflammation	Subacute, Focal, Minimal
Kidney		Glomerulosclerosis	Multifocal, Mild
	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
Lung		Inflammation	Subacute, Focal, Minimal
Nose		Inflammation	Subacute, Focal, Mild
Salivary Glands		Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 108

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Preputial Gland
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Pituitary Gland	Zymbal's Gland
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INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Kidney		Inflammation	Chronic, Multifocal, Minimal
Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
Lymph Node	Mesenteric	Pigmentation	Multifocal, Minimal
Prostate		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Lung - Bronchus	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	Zymbal's Gland

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell Medulla, Unilateral	Hyperplasia Hyperplasia	Mild Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Brain	Cerebrum	Mineralization	Multifocal, Mild
Kidney	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
Lymph Node	Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-8]			
Preputial Gland		Cyst	Multifocal, Mild
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2]			
Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tongue	Trachea	Urinary Bladder

MISSING

Larynx	Mammary Gland	Pituitary Gland	Thymus
Zymbal's Gland			

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Cerebrum	Mineralization	Multifocal, Mild
Kidney		Nephropathy	Chronic, Multifocal, Marked
Lacrimal Gland		Inflammation	Chronic, Multifocal, Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	

[Hepatocellular Carcinoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 111	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 21060100111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Coagulating Gland	Ear	Epididymis
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Esophagus	Larynx	Mammary Gland	Peripheral Nerve
Pituitary Gland			

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Brain	Cerebrum	Mineralization	Multifocal, Mild
Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Lacrimal Gland	Duct	Hyperplasia	Focal, Mild
Liver	Hepatocyte	Hypertrophy	Diffuse, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Sem Ves			
Note: SLIDE 9			
Skin		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 112	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 21060100112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus
Lymph Node - Mandibular	Nose	Pancreas	Peripheral Nerve
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Tongue	Trachea		

MISSING

Larynx	Parathyroid Gland	Thymus	Zymbal's Gland
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INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Epididymis	Unilateral	Inflammation	Subacute, Focal, Minimal
Harderian Gland		Inflammation	Subacute, Mild
Kidney		Inflammation	Subacute, Multifocal, Mild
Liver	Hepatocyte	Hypertrophy	Diffuse, Moderate
	Centrilobular	Tension Lipidosis	
		Vacuolization Cytoplasmic	Moderate
Lung		Inflammation	Subacute, Multifocal, Mild
Lymph Node	Mesenteric	Hyperplasia	Mild
Spleen		Hyperplasia	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lacrimal Gland	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder		

MISSING

Larynx	Mammary Gland	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland Note: ONLY 1	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Liver	Hepatocyte Centrilobular	Granuloma Hypertrophy Vacuolization Cytoplasmic	Mild Diffuse, Marked Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 114

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 115

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100115

OBSERVATIONS

Kidney
Liver

Centrilobular

Inflammation
Tension Lipidosis
Vacuolization Cytoplasmic

Chronic, Multifocal, Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 116

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100116

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Mild

Liver

Centrilobular

Vacuolization Cytoplasmic

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 117

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100117

OBSERVATIONS

Kidney

[Nephropathy TGLS = 2-2]

Liver

Skin

[Fibrosarcoma TGLS = 3-3]

Urinary Bladder

[Inflammation TGLS = 1-3]

Cyst

Nephropathy

Granuloma

Fibrosarcoma

Inflammation

Moderate

Chronic, Multifocal, Marked

Minimal

Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 118

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100118

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Mild
Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 119

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

MISSING

Kidney

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 120

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100120

OBSERVATIONS

Kidney
Liver

Hepatocyte

Centrilobular

[Vacuolization Cytoplasmic TGLS = 1-2]

Inflammation
Hypertrophy
Infiltration Cellular
Tension Lipidosis
Vacuolization Cytoplasmic

Chronic, Multifocal, Mild
Diffuse, Mild
Lymphocytic, Multifocal, Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 121

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100121

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Hyperplasia

Multifocal, Minimal

Inflammation

Chronic, Multifocal, Mild

Liver

Centrilobular

Vacuolization Cytoplasmic

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 122

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100122

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Hyperplasia

Multifocal, Minimal

Inflammation

Chronic, Focal, Mild

Liver

Hepatocyte
Centrilobular

Hypertrophy

Diffuse, Moderate

Vacuolization Cytoplasmic

Moderate

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 123

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100123

OBSERVATIONS

Kidney
Liver

Cortex, Renal Tubule
Hepatocyte
Centrilobular

Hyperplasia
Hypertrophy
Vacuolization Cytoplasmic

Focal, Minimal
Diffuse, Moderate
Moderate

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 124

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Inflammation

Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 125

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100125

OBSERVATIONS

Intestine Small
[Cyst TGLS = 1-3]

Jejunum

Cyst

Focal, Mild

Kidney

Cortex, Renal Tubule

Hyperplasia
Inflammation

Focal, Minimal
Chronic, Focal, Mild

Liver

Hepatocyte
Centrilobular

Hypertrophy
Vacuolization Cytoplasmic

Diffuse, Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 126

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100126

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia Inflammation	Multifocal, Minimal Chronic, Multifocal, Minimal
Liver	Renal Tubule Centrilobular	Mineralization Vacuolization Cytoplasmic	Multifocal, Minimal Mild

Note: GROSS LESION VERY SMALL DIFFICULT TO GET IN SECTION - NO RECUTS FOR THIS TYPE

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 162

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100162

OBSERVATIONS

Kidney
Liver

Inflammation
Granuloma
Infiltration Cellular
Pigmentation

Chronic, Multifocal, Mild
Minimal
Lymphocytic, Multifocal, Minimal
Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 163

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100163

OBSERVATIONS

Intestine Small
[Lymphoma Malignant TGLS = 2-3]

Ileum

Lymphoma Malignant

Kidney

Glomerulosclerosis
Lymphoma Malignant

Multifocal, Mild

Liver

Hepatocyte

Granuloma
Hypertrophy
Infiltration Cellular
Necrosis

Mild
Diffuse, Mild
Lymphocytic, Multifocal, Minimal

Lymph Node
[Lymphoma Malignant TGLS = 1-3]

Mesenteric

Pigmentation
Lymphoma Malignant

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 164

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100164

OBSERVATIONS

Kidney

Cyst

Mild

Liver

Hepatocyte

Inflammation

Chronic, Multifocal, Mild

Hypertrophy

Diffuse, Minimal

[Hypertrophy TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 165

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100165

OBSERVATIONS

Kidney
Liver
Preputial Gland
[Cyst TGLS = 1-3]

Inflammation
Mineralization
Cyst

Chronic, Multifocal, Mild
Multifocal, Mild
Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 166	TRT#: 1	SEX: Male	DAY ON TEST: 740
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Testes	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

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

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Mild
Kidney		Cyst	Mild
		Glomerulosclerosis	Multifocal, Mild
Liver		Necrosis	Multifocal, Mild
Preputial Gland		Cyst	Multifocal, Moderate
Saliv Glands			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Stomach	Glandular	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 167	TRT#: 1	SEX: Male	DAY ON TEST: 740
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Liver	Lung - Bronchus	Nose	Pancreas
Peripheral Nerve	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Tongue	

MISSING

Mammary Gland	Parathyroid Gland	Thyroid Gland	Trachea
Zymbal's Gland			

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Harderian Gland		Inflammation	Chronic, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Inflammation	Chronic, Focal, Mild
Lymph Node	Mandibular	Hyperplasia	Moderate
	Mesenteric	Hyperplasia	Moderate
Preputial Gland	Bilateral	Cyst	Multifocal, Moderate
Spinal Cord	Thoracic	Cyst	Focal, Mild
Spleen		Hyperplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 168

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Peripheral Nerve	Preputial Gland
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Urinary Bladder	

MISSING

Gallbladder	Mammary Gland	Parathyroid Gland	Pituitary Gland
Trachea	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Inflammation	Chronic, Focal, Mild
Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Mild
Testes	Bilateral, Seminif Tub	Degeneration	Diffuse, Moderate

[Degeneration TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 169

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Tongue	Trachea	Zymbal's Gland	

MISSING

Larynx	Mammary Gland	Preputial Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Epididymis	Unilateral	Inflammation	Subacute, Focal, Minimal
Harderian Gland		Inflammation	Subacute, Minimal
Kidney		Glomerulosclerosis	Multifocal, Moderate
	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
		Inflammation	Subacute, Multifocal, Mild
Lacrimal Gland		Inflammation	Subacute, Focal, Mild
Liver		Granuloma	Minimal
	Hepatocyte	Hypertrophy	Diffuse, Mild
	Centrilobular	Vacuolization Cytoplasmic	Mild
Lung		Inflammation	Subacute, Focal, Minimal
Lymph Node	Mesenteric	Hemorrhage	Focal, Mild
	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Nose		Inflammation	Subacute, Multifocal, Mild
Prostate		Inflammation	Subacute, Mild
Salivary Glands		Inflammation	Subacute, Mild
Spleen		Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 169

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100169

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Inflammation

Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 170

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Larynx	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Mild
Harderian Gland		Inflammation	Subacute, Minimal
Kidney	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
		Inflammation	Subacute, Multifocal, Mild
Liver	Hepatocyte	Hypertrophy	Diffuse, Mild
Lung		Inflammation	Subacute, Multifocal, Mild
Spleen		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 171 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 729
DOSE: 150 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung - Bronchus	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Preputial Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Tongue	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Larynx	Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Femur	Lymphoma Malignant	
	Sternum	Lymphoma Malignant	
Bone Marrow		Lymphoma Malignant	
Brain	Cerebrum	Mineralization	Multifocal, Mild
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver	Hepatocyte	Hypertrophy	Diffuse, Marked
		Lymphoma Malignant	
		Pigmentation	Multifocal, Minimal
Lung		Lymphoma Malignant	
Nose		Inflammation	Subacute, Multifocal, Mild
Salivary Glands		Lymphoma Malignant	
Spleen		Hyperplasia	Moderate
Thyroid Gland		Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 172

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Sternum	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Kidney	Lacrimal Gland	Larynx
Lung - Bronchus	Pancreas	Parathyroid Gland	Peripheral Nerve
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tongue	Trachea
Zymbal's Gland			

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Femur	Lymphoma Malignant	
Bone Marrow		Lymphoma Malignant	
Intestine Small	Ileum	Lymphoma Malignant	
Liver	Hepatocyte	Hypertrophy	Diffuse, Mild
		Tension Lipidosis	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Nose		Lymphoma Malignant	
Preputial Gland	Bilateral	Cyst	Multifocal, Moderate
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 173

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Coagulating Gland
Ear	Epididymis	Esophagus	Eye
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Lung - Bronchus	Pancreas
Peripheral Nerve	Pituitary Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Mammary Gland	Parathyroid Gland
---------------	-------------------

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland Note: ONLY 1	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone	Sternum	Proliferation	Focal, Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Mild
Harderian Gland		Adenoma	
		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Liver	Hepatocyte	Hypertrophy	Diffuse, Marked
	Centrilobular	Vacuolization Cytoplasmic	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Nose		Lymphoma Malignant	
Preputial Gland		Cyst	Multifocal, Moderate
Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 173

TRT#: 5
DOSE: 150 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100173

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Lymphoma Malignant
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 174

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100174

OBSERVATIONS

Kidney
Liver

Glomerulosclerosis
Hepatocellular Carcinoma

Multifocal, Minimal

[Hepatocellular Carcinoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH -

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 175

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100175

OBSERVATIONS

Kidney
Liver

Glomerulosclerosis
Granuloma

Multifocal, Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 176

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100176

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis

Multifocal, Mild

Hyperplasia

Multifocal, Minimal

Inflammation

Chronic, Multifocal, Minimal

Liver

Centrilobular

Vacuolization Cytoplasmic

Mild

Salivary Glands

Cyst

Focal, Mild

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 177

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis
Hyperplasia
Inflammation

Multifocal, Minimal
Multifocal, Minimal
Chronic, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 178

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Epididymis
[Adenoma TGLS = 1-3]
Liver

Interstit Cell

Adenoma

Tension Lipidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 179

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100179

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Cyst
Hyperplasia
Inflammation
Hepatocellular Adenoma

Minimal
Multifocal, Minimal
Chronic, Multifocal, Mild

Liver

[Hepatocellular Adenoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 180

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100180

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Hyperplasia
Inflammation

Multifocal, Minimal
Chronic, Multifocal, Mild

Liver

Centrilobular

Vacuolization Cytoplasmic

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 198

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Cyst
Glomerulosclerosis

Mild
Multifocal, Mild

Preputial Gland

Cyst

Multifocal, Mild

[Cyst TGLS = 1-3]

Skeletal Muscle

Fibrosarcoma

[Fibrosarcoma TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 199

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100199

OBSERVATIONS

Kidney
Liver
Preputial Gland
[Cyst TGLS = 1-3]

Hepatocyte

Glomerulosclerosis
Hypertrophy
Cyst

Multifocal, Mild
Focal, Minimal
Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 200

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Mild
Subacute, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 201	TRT#: 1	SEX: Male	DAY ON TEST: 741
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Mild
Intestine Large	Cecum	Hyperplasia	Focal, Mild
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
Preputial Gland	Bilateral	Cyst	Multifocal, Mild
Salivary Glands		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 202

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Liver	Lung - Bronchus	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Moderate
Kidney		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mesenteric	Depletion Lymphoid	Multifocal, Moderate
	Mesenteric	Hemorrhage	Multifocal, Moderate
	Mandibular	Pigmentation	Multifocal, Mild
[Hemorrhage TGLS = 2-8]			
Skin		Fibrosarcoma	
		Necrosis	Focal, Mild
[Fibrosarcoma TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 203

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Liver	Lung - Bronchus	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Tongue	Trachea	Zymbal's Gland	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Intestine Large	Colon	Lymphoma Malignant	
Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Lacrimal Gland		Lymphoma Malignant	
Lung		Inflammation	Chronic, Multifocal, Minimal
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Note: TGL#2-NULLIFIED BY TRIMMER			
Nose		Lymphoma Malignant	
Preputial Gland		Cyst	Multifocal, Mild
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 204	TRT#: 1	SEX: Male	DAY ON TEST: 741
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lacrimal Gland
Larynx	Liver	Lung - Bronchus	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Preputial Gland
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Glandular	Testes
Thyroid Gland	Tongue	Trachea	Zymbal's Gland

MISSING

Esophagus	Mammary Gland	Thymus
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Mild
Lymph Node	Mesenteric	Hyperplasia	Mild
	Mandibular	Pigmentation	Multifocal, Mild
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Necrosis	Focal, Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 205 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 730
DOSE: 150 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Eye	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Larynx	Lung - Bronchus
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Esophagus	Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell Medulla, Unilateral	Hyperplasia Hyperplasia	Mild Marked
Bone Marrow		Hyperplasia	Diffuse, Moderate
Harderian Gland		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Chronic, Multifocal, Moderate
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
Lymph Node	Mandibular Mesenteric	Hyperplasia Hyperplasia	Mild Mild
Preputial Gland	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-7]			
Spleen		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 206

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Peripheral Nerve	Pituitary Gland
Preputial Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Tongue	Trachea
Zymbal's Gland			

MISSING

Gallbladder	Larynx	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Harderian Gland		Inflammation	Subacute, Mild
Kidney		Inflammation	Subacute, Multifocal, Mild
Lacrimal Gland		Inflammation	Subacute, Focal, Mild
Liver	Hepatocyte	Apoptosis	Mild
		Basophilic Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Mild
[Hepatocellular Adenoma TGLS = 1-2]			
Lung		Inflammation	Subacute, Multifocal, Minimal
Lymph Node	Mandibular	Pigmentation	Multifocal, Mild
Nose		Inflammation	Subacute, Multifocal, Mild
Salivary Glands		Inflammation	Subacute, Mild
Spleen		Hyperplasia	Mild
Thyroid Gland		Cyst	Mild
Urinary Bladder		Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 206

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100206

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 207

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Preputial Gland	Seminal Vesicle	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Tongue	Trachea	Zymbal's Gland	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Kidney		Inflammation	Chronic, Focal, Mild
Lacrimal Gland		Inflammation	Chronic, Focal, Moderate
Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2]		
Lung		Inflammation	Chronic, Multifocal, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 208	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 21060100208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lacrimal Gland
Liver	Lung - Bronchus	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tongue
Trachea			

MISSING

Larynx	Mammary Gland	Zymbal's Gland
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INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-10]			
Lung		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mandibular	Pigmentation	Multifocal, Mild
Spleen		Hyperplasia	Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 209

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Mild
Subacute, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 210

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Renal Tubule

Mineralization

Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 211

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver

Granuloma
Infiltration Cellular
Vacuolization Cytoplasmic

Mild
Lymphocytic, Multifocal, Mild
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 212

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100212

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation
Tension Lipidosis

Multifocal, Minimal
Subacute, Multifocal, Mild

Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 213

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100213

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Minimal
Subacute, Multifocal, Minimal

Liver

Renal Tubule
Hepatocyte

Mineralization
Hypertrophy
Tension Lipidosis

Multifocal, Minimal
Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 214

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100214

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis
Hyperplasia
Inflammation

Multifocal, Minimal
Multifocal, Minimal
Subacute, Multifocal, Minimal

Liver

Hepatocyte

Hypertrophy
Infiltration Cellular

Diffuse, Mild
Lymphocytic, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 215

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100215

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Mild
Subacute, Multifocal, Minimal

Liver

Hepatocyte
Centrilobular

Hypertrophy
Vacuolization Cytoplasmic

Diffuse, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 216

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100216

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Mild
Subacute, Focal, Minimal

Liver

Hepatocyte
Centrilobular

Hypertrophy
Vacuolization Cytoplasmic

Diffuse, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 234 **TRT#:** 2 **SEX:** Male **DAY ON TEST:** 714
DOSE: 5 PPM **DISP:** Natural Death **HISTO:** 21060100234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebrum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Heart	Intestine Large - Colon	Intestine Large - Rectum
* Kidney	Lacrimal Gland	* Liver	Lung - Bronchus
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Brain - Cerebellum Larynx

AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Adrenal Gland Note: ONLY 1	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Harderian Gland [Carcinoma TGLS = 3-10]		Carcinoma	
Intestine Small	Ileum	Hyperplasia	Focal, Minimal
Lymph Node	Mesenteric	Hemorrhage	Focal, Mild
	Mandibular	Pigmentation	Multifocal, Mild
Preputial Gland		Cyst	Multifocal, Moderate
Skin [Fibrous Histiocytoma TGLS = 1-11]		Fibrous Histiocytoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-2]			
Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 234

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST: 714
HISTO: 21060100234

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Skin Fibrous Histiocytoma

Animal Note: COD...PROBABLE-SKIN,FIBROUS HISTIOCYTOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 235

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100235

OBSERVATIONS

Kidney
Liver
Preputial Gland

Hepatocyte

Inflammation
Hypertrophy
Cyst
Inflammation

Chronic, Multifocal, Mild
Diffuse, Mild
Multifocal, Mild
Chronic, Mild

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 236

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100236

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Chronic, Multifocal, Mild
Liver	Hepatocyte	Hypertrophy	Diffuse, Moderate
Testes	Seminif Tub, Unilateral	Degeneration	Multifocal, Mild
	Unilateral	Mineralization	Multifocal, Mild
	[Degeneration TGLS = 1-3]		
	[Mineralization TGLS = 1-3]		

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 237

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100237

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Moderate

Inflammation

Chronic, Multifocal, Mild

Liver

Hepatocellular Carcinoma

Hepatocyte

Hypertrophy

Diffuse, Minimal

[Hepatocellular Carcinoma TGLS = 1-2.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 238

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100238

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Mild
Liver		Inflammation	Chronic, Multifocal, Mild
Skin		Tension Lipidosis	
		Fibroma	

[Fibroma TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 239

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100239

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Inflammation

Chronic, Multifocal, Mild

Liver

Hepatocyte

Hypertrophy

Diffuse, Mild

Centrilobular

Vacuolization Cytoplasmic

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:29

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 240

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder

MISSING

Intestine Small - Duodenum	Larynx	Mammary Gland	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Epididymis		Lymphoma Malignant	
Kidney		Glomerulosclerosis	Multifocal, Mild
	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
		Inflammation	Chronic, Multifocal, Minimal
Liver	Hepatocyte	Hypertrophy	Diffuse, Minimal
Lung		Lymphoma Malignant	
Lymph Node	Mesenteric	Lymphoma Malignant	
Prostate		Lymphoma Malignant	
Skeletal Muscle		Degeneration	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 241

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Lung - Bronchus	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tongue	Trachea	Zymbal's Gland

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Harderian Gland		Adenoma	
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Inflammation	Chronic, Multifocal, Minimal
Liver	Hepatocyte	Hypertrophy	Diffuse, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Preputial Gland		Cyst	Multifocal, Mild
Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-14]			
Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 242

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Liver	Lung - Bronchus	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Preputial Gland
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea	Zymbal's Gland		

MISSING

Lacrimal Gland	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mesenteric	Hemorrhage	Multifocal, Minimal
	Mandibular	Pigmentation	Multifocal, Mild
	Mesenteric	Pigmentation	Multifocal, Mild
Salivary Glands		Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Mild
Zymbals GI			

Note: UNILATERALLY ONLY

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 243

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Lung - Bronchus	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea			

MISSING

Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone			
Note: RECUT REQUESTED			
Bone Marrow		Hyperplasia	Diffuse, Mild
Kidney	Cortex, Renal Tubule	Glomerulosclerosis	Multifocal, Minimal
		Hyperplasia	Multifocal, Minimal
		Inflammation	Multifocal, Minimal
Lacrimal Gland		Inflammation	Chronic, Focal, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2.1]			
Lymph Node	Mesenteric	Pigmentation	Multifocal, Minimal
Preputial Gland	Unilateral	Hyperplasia	Diffuse, Mild
[Hyperplasia TGLS = 1-7]			
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 243

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100243

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 244

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Nose	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tongue
Trachea			

MISSING

Lymph Node - Mesenteric	Mammary Gland	Thymus	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Kidney		Inflammation	Chronic, Multifocal, Minimal
Liver	Hepatocyte	Hypertrophy	Diffuse, Marked
		Pigmentation	Multifocal, Mild
Lung		Adenocarcinoma	Multiple
		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic, Multifocal, Moderate
	[Alveolar/Bronchiolar Adenoma TGLS = 1-1]		
Pancreas	Acinar Cell	Atrophy	Focal, Mild
Saliv Glands			
	Note: TGL # 02 - NO MICROSCOPIC CORRELATE		
Spinal Cord	Thoracic	Atrophy	Focal, Mild
	Note: SLIDE 8A		
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 245

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Coagulating Gland
Ear	Epididymis	Esophagus	Eye
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lung - Bronchus	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Prostate
Seminal Vesicle	Skeletal Muscle	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Bone Marrow Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone	Sternum	Proliferation	Focal, Mild
Brain	Cerebrum	Mineralization	Multifocal, Mild
Harderian Gland		Adenoma	
Intest Small			
Note: DUODENUM ON SLIDE 2R			
Kidney	Cortex, Renal Tubule	Degeneration	Focal, Mild
	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
	Pelvis	Inflammation	Chronic, Focal, Minimal
Lacrimal Gland		Inflammation	Chronic, Focal, Moderate
Liver		Tension Lipidosis	
Lymph Node	Mandibular	Inflammation	Focal, Mild
Mammary GI			
Note: TGL#1-NOTED GROSSLY AS MAMMARY WAS SKIN			
Preputial Gland		Cyst	Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 245

TRT#: 5
DOSE: 150 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100245

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands
Skin

Inflammation
Fibrosarcoma
Inflammation

Chronic, Mild

Chronic, Mild

[Fibrosarcoma TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 246

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Lung - Bronchus	Pancreas
Parathyroid Gland	Peripheral Nerve	Preputial Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Tongue	Trachea	Zymbal's Gland	

MISSING

Eye	Harderian Gland	Mammary Gland	Pituitary Gland
Thymus			

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Epididymis	Bilateral	Inflammation	Chronic, Focal, Mild
Kidney		Glomerulosclerosis	Multifocal, Mild
	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
Liver	Hepatocyte	Hypertrophy	Diffuse, Mild
Lymph Node	Mesenteric	Hyperplasia	Moderate
	Mandibular	Pigmentation	Multifocal, Mild
Nose		Inflammation	Chronic, Focal, Mild
Salivary Glands		Inflammation	Chronic, Minimal
Thyroid Gland		Cyst	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 247

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Kidney	Lacrimal Gland	Larynx	Lung - Bronchus
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea	Zymbal's Gland		

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Gallbladder		Edema	Multifocal, Moderate
		Fibrosis	Diffuse, Moderate
Harderian Gland		Adenoma	
Intestine Small	Ileum	Hyperplasia	Focal, Mild
Liver		Tension Lipidosis	
Lymph Node	Mesenteric	Hyperplasia	Moderate
	Mandibular	Pigmentation	Multifocal, Mild
Preputial Gland	Bilateral	Cyst	Multifocal, Moderate
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 248

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Liver
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Tongue	Trachea
Urinary Bladder			

MISSING

Larynx	Mammary Gland	Zymbal's Gland
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INSUFFICIENT TISSUE

Pituitary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Kidney		Glomerulosclerosis	Multifocal, Minimal
	Pelvis	Inflammation	Chronic, Focal, Minimal
Preputial Gland		Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 249

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Liver	Lung - Bronchus	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Mammary Gland	Thymus
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INSUFFICIENT TISSUE

Harderian Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Mild
Kidney		Glomerulosclerosis	Diffuse, Minimal
		Inflammation	Chronic, Multifocal, Minimal
Lymph Node	Mesenteric	Hyperplasia	Mild
Preputial Gland		Cyst	Multifocal, Mild
[Cyst TGLS = 1-7]			
Salivary Glands		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 250

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100250

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia Inflammation	Multifocal, Mild Chronic, Multifocal, Mild
Liver Preputial Gland [Cyst TGLS = 1-3]	Hepatocyte	Hypertrophy Cyst	Focal, Mild Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 251

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100251

OBSERVATIONS

Kidney
Liver

Inflammation
Hypertrophy

Chronic, Multifocal, Minimal
Focal, Mild

Note: TOO SMALL TO GO BACK FOR RECUT OR WET

Note: TGL # 01 - NULLIFIED BY TRIMMER

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 252

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100252

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia Inflammation	Multifocal, Minimal Chronic, Multifocal, Minimal
Liver	Hepatocyte	Hypertrophy	Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 253

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100253

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis

Hyperplasia

Inflammation

Vacuolization Cytoplasmic

Multifocal, Mild

Multifocal, Minimal

Chronic, Multifocal, Minimal

Mild

Liver

Centrilobular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 254

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node - Mandibular

OBSERVATIONS

Kidney		Cyst	Minimal
		Glomerulosclerosis	Diffuse, Moderate
	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2,3-2]			
Lymph Node	Mesenteric	Angiectasis	Moderate
[Angiectasis TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 255

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100255

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis
Hyperplasia
Inflammation
Tension Lipidosis

Multifocal, Minimal
Multifocal, Minimal
Chronic, Multifocal, Minimal

Liver

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 256

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Hyperplasia
Inflammation

Multifocal, Minimal
Chronic, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 257

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100257

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Liver	Centrilobular	Vacuolization Cytoplasmic	Mild
Testes	Seminif Tub, Unilateral Unilateral	Degeneration Mineralization	Diffuse, Marked Multifocal, Moderate

[Degeneration TGLS = 1-3]
[Mineralization TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 258

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100258

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Cyst
Glomerulosclerosis
Hyperplasia
Inflammation
Hypertrophy

Mild
Multifocal, Mild
Multifocal, Minimal
Chronic, Multifocal, Mild
Focal, Minimal

Liver

Hepatocyte

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 259

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100259

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Minimal

Inflammation

Chronic, Multifocal, Mild

Renal Tubule

Proliferation

Focal, Mild

Liver

Hepatocyte

Hypertrophy

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 260

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100260

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis
Hyperplasia
Inflammation

Multifocal, Moderate
Multifocal, Minimal
Chronic, Multifocal, Minimal

Liver

Hepatocyte
Centrilobular

Hypertrophy
Vacuolization Cytoplasmic

Focal, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 261

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100261

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis
Hyperplasia
Inflammation

Multifocal, Mild
Multifocal, Minimal
Chronic, Focal, Minimal

Liver

Hepatocyte
Centrilobular

Hypertrophy
Vacuolization Cytoplasmic

Focal, Minimal
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 262

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100262

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-2.1]			
[Hepatocellular Carcinoma TGLS = 2-2.1]			
Preputial Gland	Right	Cyst Inflammation	Focal, Moderate Chronic, Mild
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 263

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis
Hyperplasia
Inflammation

Multifocal, Minimal
Multifocal, Minimal
Chronic, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 264

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100264

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis

Multifocal, Minimal

Hyperplasia

Multifocal, Minimal

Inflammation

Chronic, Multifocal, Mild

Liver

Centrilobular

Vacuolization Cytoplasmic

Minimal

Skin

Fibrosarcoma

[Fibrosarcoma TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 265

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100265

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Minimal
	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Liver		Cyst	Focal, Moderate
		Granuloma	Minimal
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Moderate
	Centrilobular	Vacuolization Cytoplasmic	Mild
[Cyst TGLS = 2-2.1]			
[Hepatocellular Adenoma TGLS = 1-2]			
Preputial Gland		Cyst	Multifocal, Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:29

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 298

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Larynx	Liver	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tongue	Trachea
Zymbal's Gland			

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Epididymis	Unilateral	Inflammation	Chronic, Focal, Minimal
Lacrimal Gland		Inflammation	Chronic, Focal, Minimal
Lung		Lymphoma Malignant	
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 299

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung - Bronchus	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Preputial Gland	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder

MISSING

Larynx	Mammary Gland	Zymbal's Gland
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OBSERVATIONS

Bone Marrow		Hyperplasia	Diffuse, Moderate
Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Lacrimal Gland		Inflammation	Chronic, Focal, Mild
Liver		Granuloma	Minimal
	Hepatocyte	Hypertrophy	Diffuse, Minimal
Lymph Node	Mandibular	Pigmentation	Multifocal, Mild
	Mesenteric	Pigmentation	Multifocal, Mild
Prostate		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 300	TRT#: 1	SEX: Male	DAY ON TEST: 740
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Liver	Lung - Bronchus	Lymph Node - Mandibular
Pancreas	Peripheral Nerve	Pituitary Gland	Preputial Gland
Seminal Vesicle	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tongue	Urinary Bladder

MISSING

Coagulating Gland	Mammary Gland	Parathyroid Gland	Trachea
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Kidney	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
		Inflammation	Subacute, Multifocal, Mild
Lung		Inflammation	Subacute, Multifocal, Minimal
Lymph Node	Mesenteric	Hemorrhage	Multifocal, Minimal
Nose		Inflammation	Subacute, Multifocal, Minimal
Prostate		Inflammation	Subacute, Minimal
Salivary Glands		Inflammation	Subacute, Minimal
Skeletal Muscle		Degeneration	Mild
Skin	Dermis	Hyperplasia	Multifocal, Moderate
	[Hyperplasia TGLS = 1-11]		
Spleen		Cyst	Focal, Mild
Testes	Seminif Tub, Unilateral	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 301

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebrum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Larynx	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebellum	Mineralization	Multifocal, Mild
Kidney	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
		Inflammation	Chronic, Multifocal, Mild
Liver		Granuloma	Minimal
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Minimal
	[Hepatocellular Adenoma TGLS = 1-2]		
Lung		Alveolar/Bronchiolar Adenoma	
Nose	Nasolacrim Dct	Exudate	Focal, Mild
	Note: UNILATERAL		
Spleen		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 302

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone - Femur	Bone - Sternum	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Lung - Bronchus	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tongue	Trachea
Zymbal's Gland			

MISSING

Blood Vessel - Aorta	Mammary Gland	Pituitary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Intestine Large	Colon	Hyperplasia	Focal, Moderate
Intestine Small	Ileum	Hyperplasia	Focal, Moderate
Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
		Inflammation	Chronic, Multifocal, Mild
Liver		Clear Cell Focus	
		Granuloma	Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-2]		
Lung		Inflammation	Chronic, Multifocal, Minimal
Lymph Node	Mandibular	Pigmentation	Multifocal, Minimal
	Mesenteric	Pigmentation	Multifocal, Minimal
Preputial Gland		Cyst	Multifocal, Mild
Prostate		Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Mild
Skin			

Note: TGL#2-NULIFIED BY TRIMMER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 302

TRT#: 1
DOSE: 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 21060100302

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hyperplasia	Mild
Testes	Bilateral, Seminif Tub	Degeneration	Multifocal, Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 303

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Brain - Cerebellum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Zymbal's Gland

MISSING

Lacrimal Gland	Larynx	Mammary Gland	Thymus
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OBSERVATIONS

Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Liver		Hepatocellular Carcinoma	
	Hepatocyte	Hypertrophy	Diffuse, Minimal
[Hepatocellular Carcinoma TGLS = 1-2]			
Nose	Nasolacrim Dct	Exudate	Focal, Mild
Note: UNILATERAL			
Pituitary G1			
Note: HAVE ALL PARTS BUT SMALL REPRESENTATION			
Preputial Gland		Cyst	Multifocal, Mild
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 304

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lung - Bronchus	Parathyroid Gland
Pituitary Gland	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Testes	Thyroid Gland	Tongue	Trachea
Zymbal's Gland			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
		Lymphoma Malignant	
Bone	Femur	Lymphoma Malignant	
	Sternum	Lymphoma Malignant	
Bone Marrow		Lymphoma Malignant	
Brain	Cerebrum	Mineralization	Multifocal, Mild
Coagulating Gland		Lymphoma Malignant	
Ear		Lymphoma Malignant	
Epididymis		Lymphoma Malignant	
Eye		Lymphoma Malignant	
Gallbladder		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
Intestine Large	Rectum	Lymphoma Malignant	
Kidney		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 1-2]	
Lacrimal Gland		Lymphoma Malignant	
Liver		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 4-2]	
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 304

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100304

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland [Lymphoma Malignant TGLS = 3-3]		Lymphoma Malignant
Nose		Lymphoma Malignant
Pancreas		Lymphoma Malignant
Peripheral Nerve		Lymphoma Malignant
Preputial Gland		Lymphoma Malignant
Prostate		Lymphoma Malignant
Salivary Glands		Lymphoma Malignant
Seminal Vesicle		Lymphoma Malignant
Spleen [Lymphoma Malignant TGLS = 2-2]		Lymphoma Malignant
Stomach	Forestomach	Lymphoma Malignant
	Glandular	Lymphoma Malignant
Urinary Bladder		Lymphoma Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 305

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Glomerulosclerosis Hyperplasia Inflammation Granuloma	Multifocal, Minimal Multifocal, Minimal Chronic, Multifocal, Minimal Focal, Moderate
Mesentery			
[Granuloma TGLS = 2-3]			
Skin		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-3.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 306

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100306

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Minimal
Liver	Hepatocyte	Hypertrophy	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 307

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100307

OBSERVATIONS

Kidney

Cyst

Minimal

Liver

Centrilobular

Hepatocellular Adenoma

Vacuolization Cytoplasmic

Mild

[Hepatocellular Adenoma TGLS = 2,3-2+2.1]

Skin

Inflammation

Chronic, Moderate

[Inflammation TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 308

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100308

OBSERVATIONS

Kidney
Liver

Inflammation
Hemangiosarcoma
Hepatocellular Adenoma

Chronic, Multifocal, Minimal

[Hemangiosarcoma TGLS = 2-2]

[Hepatocellular Adenoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 309

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100309

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia Inflammation	Focal, Minimal Chronic, Focal, Minimal
Liver	Centrilobular	Granuloma Vacuolization Cytoplasmic	Mild Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 310

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100310

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
Liver	Hepatocyte	Hypertrophy	Diffuse, Mild
	Centrilobular	Vacuolization Cytoplasmic	Mild
Skin		Inflammation	Chronic, Mild

[Inflammation TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 311

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100311

OBSERVATIONS

Kidney	Cortex, Renal Tubule Cortex, Renal Tubule	Degeneration Hyperplasia Inflammation	Focal, Mild Multifocal, Minimal Chronic, Focal, Minimal
Liver	Hepatocyte Centrilobular	Hypertrophy Vacuolization Cytoplasmic	Diffuse, Moderate Moderate
Skin		Fibrosarcoma	

[Fibrosarcoma TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 312

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100312

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia Inflammation	Multifocal, Minimal Chronic, Multifocal, Mild
Liver	Hepatocyte Centrilobular	Hypertrophy Vacuolization Cytoplasmic	Diffuse, Moderate Moderate
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Skin		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 313

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100313

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation
Hypertrophy

Multifocal, Minimal
Chronic, Multifocal, Mild
Focal, Mild

Liver

Hepatocyte

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 314

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100314

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Minimal
Liver	Hepatocyte	Hypertrophy	Diffuse, Mild
Skin		Fibrosarcoma	
		Inflammation	Chronic, Mild

[Fibrosarcoma TGLS = 1-3]
[Inflammation TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 315

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100315

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia Inflammation	Multifocal, Minimal Chronic, Multifocal, Mild
Liver	Hepatocyte Centrilobular	Hypertrophy Vacuolization Cytoplasmic	Diffuse, Mild Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 316

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100316

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Hyperplasia
Inflammation

Multifocal, Minimal
Chronic, Focal, Mild

Liver

Hepatocyte

Hypertrophy

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 317

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100317

OBSERVATIONS

Kidney
Liver

Inflammation
Hepatocellular Adenoma

Chronic, Multifocal, Mild

[Hepatocellular Adenoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 318

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100318

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Minimal

Liver

Hepatocyte

Hypertrophy

Diffuse, Mild

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 319

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100319

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Hyperplasia
Inflammation

Multifocal, Mild
Chronic, Multifocal, Minimal

Liver

Hepatocyte

Hypertrophy
Infiltration Cellular

Diffuse, Mild
Lymphocytic, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:29
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 320

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Inflammation

Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 321

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100321

OBSERVATIONS

Kidney

Inflammation

Chronic, Focal, Minimal

Liver

Hepatocyte

Hypertrophy

Diffuse, Mild

Skin

Inflammation

Chronic, Moderate

[Inflammation TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 322

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100322

OBSERVATIONS

Kidney
Liver

Hepatocyte
Centrilobular

Inflammation
Hypertrophy
Vacuolization Cytoplasmic

Chronic, Multifocal, Minimal
Diffuse, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 323

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100323

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Mild

Liver

Hepatocellular Adenoma

[Hepatocellular Adenoma TGLS = 2-2]

Skin

Fibrosarcoma

[Fibrosarcoma TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 324	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 21060100324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Zymbal's Gland			

MISSING

Mammary Gland	Trachea
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INSUFFICIENT TISSUE

Larynx	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Harderian Gland		Inflammation	Chronic, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Inflammation	Chronic, Focal, Minimal
Liver	Hepatocyte	Granuloma	Mild
		Hypertrophy	Diffuse, Marked
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
Prostate		Inflammation	Chronic, Minimal
Skeletal Muscle		Degeneration	Mild
Spleen		Hyperplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 325

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Prostate	Salivary Glands	Seminal Vesicle	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Tongue	Trachea	Zymbal's Gland	

MISSING

Mammary Gland	Pituitary Gland	Thymus
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OBSERVATIONS

Adrenal Gland Note: ONLY 1	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Harderian Gland		Hyperplasia	Moderate
Liver	Hepatocyte	Apoptosis	Moderate
		Cyst	Multifocal, Mild
		Granuloma	Moderate
	Hepatocyte	Hypertrophy	Diffuse, Marked
		Infiltration Cellular	Lymphocytic, Multifocal, Moderate
		Necrosis	Multifocal, Moderate
		Pigmentation	Multifocal, Moderate
	Centrilobular	Vacuolization Cytoplasmic	Moderate
Preputial Gland		Cyst	Multifocal, Mild
Skeletal Muscle [Fibrosarcoma TGLS = 2-3.1]	Thoracic	Fibrosarcoma	Metastatic (Skin)
Skin [Fibrosarcoma TGLS = 1-3]		Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 325

TRT#: 5
DOSE: 150 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100325

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen
Urinary Bladder

Hyperplasia
Inflammation

Mild
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 326

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone - Femur	Bone - Sternum	Bone Marrow	Brain - Cerebrum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Lung - Bronchus	Pancreas	Parathyroid Gland	Peripheral Nerve
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tongue	Trachea
Zymbal's Gland			

MISSING

Mammary Gland	Pituitary Gland
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INSUFFICIENT TISSUE

Brain - Cerebellum

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Focal, Minimal
Kidney		Inflammation	Chronic, Focal, Minimal
Liver		Granuloma	Moderate
	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Moderate
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Necrosis	Multifocal, Moderate
		Pigmentation	Multifocal, Moderate
	Centrilobular	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1,2-2+2.1]			
Lymph Node	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Nose		Inflammation	Chronic, Focal, Mild
Preputial Gland		Cyst	Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 326

TRT#: 5
DOSE: 150 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100326

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands
Spleen
Urinary Bladder

Inflammation
Hyperplasia
Inflammation

Chronic, Mild
Mild
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 327 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 729
DOSE: 150 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Zymbal's Gland			

MISSING

Larynx	Mammary Gland	Trachea
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Multifocal, Moderate
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Harderian Gland		Inflammation	Chronic, Mild
Kidney		Glomerulosclerosis	Multifocal, Mild
Liver		Clear Cell Focus	
		Granuloma	Mild
	Hepatocyte	Hypertrophy	Diffuse, Marked
		Necrosis	Multifocal, Minimal
		Pigmentation	Multifocal, Mild
	Centrilobular	Vacuolization Cytoplasmic	Mild
Lymph Node	Mesenteric	Hyperplasia	Mild
Preputial Gland		Cyst	Multifocal, Moderate
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 327

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100327

ORGAN AND ACCOUNTABLE SITE STATUS

Zymbals GI

Note: UNILATERAL ONLY

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 328

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Lung - Bronchus	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Preputial Gland	Seminal Vesicle	Skeletal Muscle	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Tongue	Trachea	Urinary Bladder	

MISSING

Thymus	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Harderian Gland		Inflammation	Chronic, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
		Inflammation	Subacute, Multifocal, Minimal
Liver		Granuloma	Mild
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Moderate
		Necrosis	Multifocal, Minimal
		Pigmentation	Multifocal, Mild
	[Hepatocellular Adenoma TGLS = 1-2]		
Lung		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mandibular	Pigmentation	Multifocal, Mild
Prostate		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Mild
Skin		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 328

TRT#: 5
DOSE: 150 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100328

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-3]

Spleen

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 329 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 729
DOSE: 150 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus	Nose
Pancreas	Peripheral Nerve	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Tongue	Trachea	Zymbal's Gland	

MISSING

Mammary Gland	Parathyroid Gland	Thyroid Gland
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INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Harderian Gland		Adenoma	
Kidney	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
Liver	Hepatocyte	Granuloma	Minimal
		Hypertrophy	Diffuse, Marked
		Necrosis	Multifocal, Minimal
		Pigmentation	Multifocal, Minimal
Lymph Node	Mesenteric	Hyperplasia	Moderate
	Mandibular	Pigmentation	Multifocal, Mild
Preputial Gland	Bilateral	Cyst	Multifocal, Moderate
Spleen		Hyperplasia	Moderate
Thymus		Hyperplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 329

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100329

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 330 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 729
DOSE: 150 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Lung - Bronchus	Parathyroid Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tongue
Trachea	Zymbal's Gland		

MISSING

Pituitary Gland

INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Coagulating Gland		Lymphoma Malignant	
Epididymis		Lymphoma Malignant	
Intestine Large	Cecum	Lymphoma Malignant	
Kidney	Cortex, Renal Tubule	Glomerulosclerosis	Multifocal, Minimal
		Hyperplasia	Multifocal, Minimal
		Lymphoma Malignant	
Liver	Hepatocyte	Granuloma	Minimal
		Hypertrophy	Diffuse, Moderate
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Lymphoma Malignant	
		Necrosis	Multifocal, Minimal
		Pigmentation	Multifocal, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 330

TRT#: 5
DOSE: 150 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100330

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-5]		
	[Lymphoma Malignant TGLS = 4-8]		
Mammary Gland		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-3]		
Nose		Lymphoma Malignant	
Pancreas		Lymphoma Malignant	
Peripheral Nerve		Lymphoma Malignant	
Preputial Gland		Cyst	Multifocal, Mild
Salivary Glands		Lymphoma Malignant	
Skin		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 3-2]		
Thymus		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 5-1]		
Urinary Bladder		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 331	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 21060100331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Nose
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tongue	Trachea
Zymbal's Gland			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Mild
Liver	Hepatocyte	Granuloma	Minimal
		Hypertrophy	Diffuse, Marked
		Necrosis	Multifocal, Minimal
		Pigmentation	Multifocal, Minimal
		Tension Lipidosis	
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Hyperplasia	Mild
Pancreas		Cyst	Focal, Moderate
Preputial Gland		Cyst	Multifocal, Mild
Salivary Glands		Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 363

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100363

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Mild
Subacute, Multifocal, Mild

Liver

Renal Tubule
Hepatocyte

Proliferation
Hypertrophy

Multifocal, Minimal
Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 364

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100364

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Mild
Subacute, Multifocal, Mild

Liver

Renal Tubule
Hepatocyte

Proliferation
Hypertrophy

Multifocal, Minimal
Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 365

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Inflammation

Subacute, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 366

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100366

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Inflammation

Subacute, Multifocal, Mild

Proliferation

Multifocal, Minimal

Liver

Renal Tubule

Infiltration Cellular

Lymphocytic, Multifocal, Mild

Tension Lipidosis

Preputial Gland

Cyst

Multifocal, Mild

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 367

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100367

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Inflammation

Subacute, Multifocal, Mild

Renal Tubule

Proliferation

Focal, Minimal

Liver

Hepatocellular Adenoma

Hepatocyte

Hypertrophy

Diffuse, Moderate

[Hepatocellular Adenoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 368

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100368

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Minimal
Liver	Hepatocyte	Hypertrophy	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 369

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100369

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Inflammation

Subacute, Multifocal, Mild

Renal Tubule

Proliferation

Multifocal, Minimal

Liver

Hepatocellular Adenoma

Hepatocyte

Hypertrophy

Diffuse, Mild

[Hepatocellular Adenoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 370

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Cyst

Mild

Inflammation

Chronic, Multifocal, Mild

Mineralization

Multifocal, Minimal

Renal Tubule

Mesenteric

Lymphoma Malignant

Lymph Node

[Lymphoma Malignant TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 371

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Liver	Lung - Bronchus	Lymph Node - Mesenteric	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Harderian Gland		Inflammation	Chronic, Mild
Intestine Large	Rectum	Hyperplasia	Focal, Mild
Kidney		Inflammation	Chronic, Focal, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Chronic, Multifocal, Mild
Pancreas		Inflammation	Chronic, Focal, Mild
Preputial Gland		Cyst	Multifocal, Moderate
		Inflammation	Chronic, Minimal
[Cyst TGLS = 1-7]			
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 372

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Liver	Lung - Bronchus	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Seminal Vesicle	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Tongue
Trachea	Zymbal's Gland		

MISSING

Larynx	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Kidney		Cyst	Minimal
		Inflammation	Chronic, Multifocal, Mild
Lung		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mesenteric	Cyst	Multifocal, Mild
	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Chronic, Multifocal, Mild
Preputial Gland		Cyst	Multifocal, Mild
Prostate		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Mild
Thyroid Gland		Cyst	Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 373

TRT#: 5
DOSE: 150 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Testes
Thyroid Gland	Tongue	Trachea	Urinary Bladder

MISSING

Larynx	Mammary Gland	Preputial Gland	Thymus
Zymbal's Gland			

INSUFFICIENT TISSUE

Stomach - Glandular

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Harderian Gland		Inflammation	Chronic, Mild
Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Mild
		Nephropathy	Chronic, Multifocal, Moderate
Liver		Granuloma	Marked
		Hepatocellular Adenoma	
		Necrosis	Multifocal, Moderate
		Pigmentation	Multifocal, Moderate
[Hepatocellular Adenoma TGLS = 2-2]			
Lymph Node	Mandibular	Hyperplasia	Moderate
Salivary Glands		Inflammation	Chronic, Mild
Skeletal Muscle		Degeneration	Minimal
Spleen		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 373

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100373

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 374

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Kidney		Inflammation	Chronic, Multifocal, Minimal
Liver	Hepatocyte	Granuloma	Mild
		Hypertrophy	Diffuse, Mild
		Necrosis	Multifocal, Minimal
		Pigmentation	Multifocal, Mild
		Tension Lipidosis	
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mesenteric	Hyperplasia	Moderate
Preputial Gland		Cyst	Multifocal, Mild
			[Cyst TGLS = 1-7]
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 375 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 729
DOSE: 150 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Bone Marrow	Brain - Cerebellum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Lung - Bronchus	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tongue
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Skin	Thymus	Zymbal's Gland
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INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Brain	Cerebrum	Mineralization	Multifocal, Minimal
Kidney		Glomerulosclerosis	Multifocal, Minimal
	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
Lacrimal Gland		Inflammation	Chronic, Focal, Mild
Liver		Granuloma	Minimal
	Hepatocyte	Hypertrophy	Diffuse, Marked
		Pigmentation	Multifocal, Minimal
Lymph Node	Mesenteric	Hyperplasia	Moderate
Nose	Olfactory Epi	Cytoplasmic Alteration	Mild
Preputial Gland		Cyst	Multifocal, Mild
[Cyst TGLS = 1-7]			
Salivary Glands		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 376	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 21060100376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Kidney	Lacrimal Gland	Lung - Bronchus	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Tongue	Trachea		

MISSING

Larynx	Thymus	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Moderate
Liver	Hepatocyte	Hypertrophy	Diffuse, Marked
Lymph Node	Mesenteric	Hyperplasia	Moderate
Preputial Gland		Abscess	Focal, Marked
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 377

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Larynx	Lung - Bronchus
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Testes	Tongue	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Mild
Heart		Cardiomyopathy	Diffuse, Moderate
Kidney		Glomerulosclerosis	Multifocal, Minimal
Liver		Granuloma	Mild
	Hepatocyte	Hypertrophy	Diffuse, Moderate
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Pigmentation	Multifocal, Mild
	Centrilobular	Vacuolization Cytoplasmic	Mild
Lung		Inflammation	Chronic, Multifocal, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Preputial Gland		Inflammation	Subacute, Moderate
Salivary Glands		Inflammation	Chronic, Mild
Skeletal Muscle		Degeneration	Mild
Spleen		Hyperplasia	Mild
Thyroid Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 377

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100377

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 378

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Larynx	Lung - Bronchus	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Moderate
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Intestine Small	Ileum	Hyperplasia	Focal, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Inflammation	Chronic, Focal, Mild
Lacrimal Gland		Inflammation	Chronic, Focal, Mild
Liver	Hepatocyte	Granuloma	Mild
		Hypertrophy	Diffuse, Moderate
		Pigmentation	Multifocal, Mild
	Centrilobular	Vacuolization Cytoplasmic	Mild
Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 1-1]		
Lymph Node	Mesenteric	Hyperplasia	Mild
	Mandibular	Pigmentation	Multifocal, Mild
Preputial Gland	Bilateral	Cyst	Multifocal, Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 379

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100379

OBSERVATIONS

Kidney
Liver

Cortex, Renal Tubule

Degeneration
Tension Lipidosis

Focal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 380

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100380

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
	Renal Tubule	Infarct	Mild
Liver		Proliferation	Focal, Mild
[Hepatocellular Carcinoma TGLS = 2-2]		Hepatocellular Carcinoma	
Lymph Node	Mesenteric	Lymphoma Malignant	
Note: ALSO PANCREATIC			
[Lymphoma Malignant TGLS = 3-3]			
Preputial Gland		Cyst	Multifocal, Mild
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 381

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100381

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Mild
Subacute, Multifocal, Mild

Liver

Basophilic Focus
Hepatocellular Adenoma
Hypertrophy
Vacuolization Cytoplasmic

Diffuse, Mild
Mild

Hepatocyte
Centrilobular

[Hepatocellular Adenoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 382

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100382

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Subacute, Multifocal, Mild
	Renal Tubule	Proliferation	Focal, Minimal
Liver		Amyloid Deposition	Multifocal, Mild
	Hepatocyte	Hypertrophy	Diffuse, Mild
Note: VASCULAR [Amyloid Deposition TGLS = 1-2]			
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA FOUND AFTER PWG REVIEW			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 383

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100383

OBSERVATIONS

Kidney

Renal Tubule

Glomerulosclerosis
Proliferation
Tension Lipidosis

Multifocal, Minimal
Multifocal, Minimal

Liver

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 384

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100384

OBSERVATIONS

Kidney

Cyst
Glomerulosclerosis
Inflammation

Mild
Multifocal, Minimal
Subacute, Multifocal, Mild
Multifocal, Minimal

Renal Tubule

Liver

Tension Lipidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 385

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Inflammation

Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 386

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100386

OBSERVATIONS

Kidney
Liver

Hepatocyte

Inflammation
Hepatocellular Adenoma
Hypertrophy
Infiltration Cellular
Mineralization

Subacute, Multifocal, Minimal
Focal, Mild
Lymphocytic, Multifocal, Mild
Multifocal, Mild

[Hepatocellular Adenoma TGLS = 1,2-2 + 2.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 387

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100387

OBSERVATIONS

Kidney
Liver

Hepatocyte

Centrilobular

[Hepatocellular Adenoma TGLS = 1-2]

[Hepatocellular Carcinoma TGLS = 2-2.1]

Glomerulosclerosis
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hypertrophy
Infiltration Cellular
Necrosis
Vacuolization Cytoplasmic

Multifocal, Mild

Focal, Mild
Lymphocytic, Multifocal, Mild
Multifocal, Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 388

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Minimal
Subacute, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 389

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Lung - Bronchus	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Tongue	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Coagulat GI			
Note: SLIDE 9			
Harderian Gland		Hyperplasia	Marked
		Inflammation	Chronic, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
		Inflammation	Chronic, Focal, Mild
Liver		Tension Lipidosis	
Lymph Node	Mandibular	Hyperplasia	Mild
Preputial Gland	Bilateral	Cyst	Multifocal, Moderate
Salivary Glands		Inflammation	Chronic, Mild
Thyroid Gland		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 390

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Liver
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Preputial Gland	Seminal Vesicle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Lacrimal Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Harderian Gland		Inflammation	Subacute, Mild
Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
		Inflammation	Subacute, Multifocal, Mild
Lung		Inflammation	Subacute, Multifocal, Minimal
Prostate		Inflammation	Subacute, Mild
Salivary Glands		Inflammation	Chronic, Mild
Skeletal Muscle		Degeneration	Mild
Spleen		Hyperplasia	Mild
Testes	Seminif Tub, Unilateral	Degeneration	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 391 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 740
DOSE: 0 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung - Bronchus
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Mammary Gland Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Coagulating Gland		Inflammation	Subacute, Focal, Minimal
Harderian Gland		Inflammation	Subacute, Minimal
Kidney		Glomerulosclerosis	Multifocal, Mild
	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Lacrimal Gland		Inflammation	Subacute, Focal, Minimal
Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
[Hepatocellular Carcinoma TGLS = 1-2]			
Lymph Node	Mandibular	Pigmentation	Multifocal, Mild
	Mesenteric	Pigmentation	Multifocal, Minimal
Nose		Inflammation	Subacute, Focal, Mild
Preputial Gland		Inflammation	Subacute, Minimal
Prostate		Inflammation	Subacute, Mild
Salivary Glands		Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 392

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lung - Bronchus	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Seminal Vesicle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tongue	Trachea	Zymbal's Gland

MISSING

Adrenal Gland	Mammary Gland	Peripheral Nerve	Pituitary Gland
Skeletal Muscle	Thymus		

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia Inflammation	Multifocal, Minimal Chronic, Multifocal, Minimal
Lacrimal Gland		Inflammation	Chronic, Focal, Minimal
Liver		Granuloma	Minimal
Lung		Alveolar/Bronchiolar Adenoma Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mandibular	Pigmentation	Multifocal, Mild
Preputial Gland		Cyst	Multifocal, Mild
Prostate		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Mild

Note: UNILATERAL

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 393

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Liver	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Preputial Gland	Prostate
Seminal Vesicle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	Zymbal's Gland

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Kidney		Glomerulosclerosis	Multifocal, Mild
Lung		Inflammation	Chronic, Multifocal, Minimal
Salivary Glands		Inflammation	Chronic, Mild
Skeletal Muscle		Degeneration	Moderate
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 394

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Tongue
Trachea			

MISSING

Mammary Gland	Thymus	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Harderian Gland		Degeneration	Focal, Mild
Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Liver		Cyst	Multifocal, Mild
		Tension Lipidosis	
Lung	Alveolar Epith	Degeneration	Cystic, Moderate
	Alveolar Epith	Hyperplasia	Focal, Moderate
Lymph Node	Mandibular	Pigmentation	Multifocal, Mild
Seminal Vesicle		Inflammation	Chronic, Focal, Minimal
Note: SLIDE 9			
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 395 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 740
DOSE: 0 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Bone Marrow	Brain - Cerebellum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Glandular	Testes	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Mammary Gland Thymus

OBSERVATIONS

Adrenal Gland Note: ONLY 1			
Brain	Cerebrum	Mineralization	Multifocal, Mild
Coagulat GI Note: SLIDE 9			
Kidney		Inflammation	Chronic, Focal, Minimal
Liver	Hepatocyte	Hypertrophy	Diffuse, Mild
Lymph Node	Mesenteric	Hyperplasia	Moderate
Preputial Gland Note: ONLY 1		Cyst	Multifocal, Moderate
Stomach	Forestomach	Hyperkeratosis	Diffuse, Mild
	Forestomach	Hyperplasia	Diffuse, Mild
	Forestomach	Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 396

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Tongue	Trachea	Urinary Bladder
Zymbal's Gland			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Liver	Hepatocyte	Hypertrophy	Diffuse, Minimal
Preputial Gland	Bilateral	Cyst	Multifocal, Mild
Thyroid Gland		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 432	TRT#: 5	SEX: Male	DAY ON TEST: 727
	DOSE: 150 PPM	DISP: Moribund	HISTO: 21060100432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone Marrow	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus	Nose
Pancreas	Peripheral Nerve	Prostate	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Testes	Tongue	Urinary Bladder
Zymbal's Gland			

MISSING

Mammary Gland	Parathyroid Gland	Pituitary Gland	Thymus
Thyroid Gland	Trachea		

INSUFFICIENT TISSUE

Harderian Gland	Larynx
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OBSERVATIONS

Bone	Femur	Proliferation	Focal, Mild
	Sternum	Proliferation	Multifocal, Moderate
Kidney		Glomerulosclerosis	Multifocal, Moderate
Lacrimal Gland		Inflammation	Chronic, Focal, Mild
Liver	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Marked
		Infiltration Cellular	Lymphocytic, Multifocal, Moderate
		Necrosis	Multifocal, Minimal
		Pigmentation	Multifocal, Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE [Hepatocellular Adenoma TGLS = 1-2]			
Lung		Alveolar/Bronchiolar Adenoma	
		[Alveolar/Bronchiolar Adenoma TGLS = 5-1]	
Lymph Node	Mesenteric	Hemorrhage	Multifocal, Moderate
	Mandibular	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 432	TRT#: 5 DOSE: 150 PPM	SEX: Male DISP: Moribund	DAY ON TEST: 727 HISTO: 21060100432
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ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Cyst	Multifocal, Mild
Skin [Fibrosarcoma TGLS = 4-11]	Fibrosarcoma	
Spleen [Hematopoietic Cell Proliferation TGLS = 3-2]	Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Animal Note: COD...PROBABLE-SKIN-FIBROSARCOMA

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 433

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Kidney		Inflammation	Chronic, Multifocal, Mild
Liver		Basophilic Focus	
Preputial Gland		Abscess	Focal, Marked
	Bilateral	Cyst	Multifocal, Moderate
Salivary Glands		Inflammation	Chronic, Mild
Skin			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Testes	Seminif Tub, Unilateral	Degeneration	Focal, Mild
Note: ONLY 1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 434

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Liver	Lung - Bronchus
Lymph Node - Mandibular	Nose	Pancreas	Peripheral Nerve
Prostate	Salivary Glands	Seminal Vesicle	Skeletal Muscle
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Mammary Gland	Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Bone Marrow		Hyperplasia	Diffuse, Mild
Eye			
Note: ONLY 1			
Kidney	Cortex, Renal Tubule	Hyperplasia Inflammation	Multifocal, Minimal Chronic, Focal, Mild
Lymph Node	Mesenteric	Hyperplasia	Mild
Preputial Gland		Cyst	Multifocal, Mild
Skin	Sebaceous GI	Hyperplasia	Focal, Mild
Spleen		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 435

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Nose	Pancreas
Peripheral Nerve	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea	Zymbal's Gland		

MISSING

Lymph Node - Mandibular	Mammary Gland
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Brain	Cerebrum	Mineralization	Multifocal, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
Lymph Node	Mesenteric	Hemorrhage	Multifocal, Mild
Parathyroid Gland		Cyst	Focal, Mild
Preputial Gland	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-7]			
Prostate		Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 436

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Lacrimal Gland	Larynx
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Zymbal's Gland	

MISSING

Mammary Gland	Trachea
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Intestine Large	Cecum	Hyperplasia	Focal, Moderate
Liver		Basophilic Focus	
Lung		Inflammation	Chronic, Multifocal, Mild
Nose		Inflammation	Chronic, Focal, Minimal
Preputial Gland	Bilateral	Cyst	Multifocal, Mild
Salivary Glands		Inflammation	Chronic, Minimal
Skin		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 437

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Liver	Lung - Bronchus	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Preputial Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea	Zymbal's Gland		

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Intestine Large	Colon	Hyperplasia	Focal, Mild
Kidney		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mesenteric	Hyperplasia	Mild
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 438 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 740
DOSE: 0 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Esophagus
Gallbladder	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tongue	Trachea	Zymbal's Gland

MISSING

Harderian Gland	Larynx	Mammary Gland	Peripheral Nerve
Thymus			

INSUFFICIENT TISSUE

Eye

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Epididymis	Bilateral	Inflammation	Chronic, Focal, Minimal
Intestine Large	Cecum	Hyperplasia	Focal, Mild
Kidney	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
		Inflammation	Chronic, Multifocal, Minimal
Lacrimal Gland	Duct	Hyperplasia	Multifocal, Moderate
Liver		Hepatocellular Adenoma	
		Tension Lipidosis	
[Hepatocellular Adenoma TGLS = 1-2]			
Lymph Node	Mesenteric	Depletion Lymphoid	Multifocal, Moderate
	Mandibular	Hyperplasia	Moderate
Prostate		Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 438

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100438

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 439

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Liver
Lung - Bronchus	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Prostate	Seminal Vesicle
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tongue	Trachea	

MISSING

Larynx	Mammary Gland	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Kidney		Inflammation	Chronic, Multifocal, Minimal
Lacrimal Gland		Inflammation	Chronic, Focal, Minimal
Liver			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Lymph Node	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Preputial Gland	Bilateral	Cyst	Multifocal, Moderate
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 440

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100440

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis
Hyperplasia
Inflammation
Ito Cell Tumor Malignant

Multifocal, Minimal
Focal, Minimal
Chronic, Multifocal, Minimal

Liver

Note: ITO MEDIAN AND LEFT

[Ito Cell Tumor Malignant TGLS = 1,2-2]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 441	TRT#: 2	SEX: Male	DAY ON TEST: 729
	DOSE: 5 PPM	DISP: Terminal Sacrifice	HISTO: 21060100441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver		Granuloma	Mild
	Hepatocyte	Hypertrophy	Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 442

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100442

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Cyst

Mild

Liver

Centrilobular

Hyperplasia

Hepatocellular Adenoma

Vacuolization Cytoplasmic

Multifocal, Mild

Moderate

[Hepatocellular Adenoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 443	TRT#: 2	SEX: Male	DAY ON TEST: 729
	DOSE: 5 PPM	DISP: Terminal Sacrifice	HISTO: 21060100443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Minimal
	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 444

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100444

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis

Multifocal, Minimal

Liver

Hepatocyte

Hyperplasia

Multifocal, Minimal

Hypertrophy

Focal, Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 445

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100445

OBSERVATIONS

Kidney
Liver

Lymphoma Malignant
Granuloma
Lymphoma Malignant
Lymphoma Malignant

Mild

Salivary Glands

[Lymphoma Malignant TGLS = 1-3]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 446

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100446

OBSERVATIONS

Kidney
Liver

Hepatocyte

Glomerulosclerosis
Hypertrophy

Multifocal, Mild
Diffuse, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 447

TRT#: 2
DOSE: 5 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100447

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis
Hyperplasia
Inflammation
Basophilic Focus

Multifocal, Mild
Multifocal, Minimal
Chronic, Multifocal, Mild

Liver

[Basophilic Focus TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 448	TRT#: 3 DOSE: 15 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100448
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Minimal
	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 449

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100449

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia Inflammation	Multifocal, Minimal Chronic, Multifocal, Mild
Liver	Centrilobular	Hepatocellular Adenoma Hepatocellular Carcinoma Vacuolization Cytoplasmic	Minimal

[Hepatocellular Adenoma TGLS = 1-2]
[Hepatocellular Carcinoma TGLS = 2-2]

PRIMARY CAUSE OF DEATH -

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 450

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100450

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Liver

Hepatocellular Carcinoma

Note: CARC RIGHT AND LEFT

[Hepatocellular Carcinoma TGLS = 1,2-2.1 + 2]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 451

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100451

OBSERVATIONS

Kidney Cortex, Renal Tubule
Liver Centrilobular

Hyperplasia
Vacuolization Cytoplasmic

Multifocal, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 452

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Hyperplasia

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 453

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100453

OBSERVATIONS

Kidney
Liver [Hepatocellular Carcinoma TGLS = 2-2.1]
Skin [Fibrosarcoma TGLS = 1-3]

Inflammation
Hepatocellular Carcinoma
Fibrosarcoma

Chronic, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 454

TRT#: 3
DOSE: 15 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100454

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Hyperplasia
Inflammation

Multifocal, Minimal
Chronic, Multifocal, Minimal

Liver

Centrilobular

Granuloma
Vacuolization Cytoplasmic

Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 455

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Hyperplasia
Inflammation

Multifocal, Minimal
Chronic, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 456

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100456

OBSERVATIONS

Kidney

Cyst
Inflammation
Hypertrophy

Mild
Chronic, Multifocal, Mild
Diffuse, Mild

Liver

Hepatocyte

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 457

TRT#: 4
DOSE: 80 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100457

OBSERVATIONS

Kidney
Liver

Centrilobular

Inflammation
Tension Lipidosis
Vacuolization Cytoplasmic
Cyst

Chronic, Multifocal, Mild

Preputial Gland
[Cyst TGLS = 1-3]

Minimal
Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 458

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100458

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Hyperplasia

Multifocal, Minimal

Liver

Basophilic Focus

[Basophilic Focus TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 459

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100459

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Cyst

Mild

Cortex, Renal Tubule

Degeneration

Focal, Mild

Liver

Centrilobular

Hyperplasia

Multifocal, Minimal

Vacuolization Cytoplasmic

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 460

TRT#: 4

SEX: Male

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100460

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Hyperplasia

Multifocal, Mild

Liver

Inflammation

Chronic, Multifocal, Mild

[Hepatocellular Adenoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 463

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Lacrimal Gland	Lung - Bronchus	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Peripheral Nerve	Pituitary Gland
Prostate	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea	Zymbal's Gland		

MISSING

Larynx

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Intestine Large	Cecum	Hyperplasia	Focal, Moderate
	Colon	Hyperplasia	Focal, Mild
Intestine Small	Ileum	Hyperplasia	Focal, Mild
Kidney	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Liver	Hepatocyte	Granuloma	Mild
		Hypertrophy	Diffuse, Marked
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Necrosis	Multifocal, Minimal
		Pigmentation	Multifocal, Mild
Lymph Node	Mesenteric	Hyperplasia	Moderate
Parathyroid Gland		Cyst	Focal, Mild
Preputial Gland		Cyst	Multifocal, Mild
Salivary Glands		Inflammation	Chronic, Minimal
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 463

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100463

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 464 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 729
DOSE: 150 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Coagulating Gland	Ear	Epididymis	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Prostate
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Tongue	Trachea

MISSING

Larynx Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Kidney		Inflammation	Chronic, Multifocal, Moderate
Liver	Hepatocyte	Granuloma	Minimal
		Hypertrophy	Diffuse, Mild
		Tension Lipidosis	
Lung		Inflammation	Chronic, Multifocal, Minimal
Lymph Node	Mesenteric	Pigmentation	Multifocal, Mild
Preputial Gland	Bilateral	Cyst	Multifocal, Mild
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 465	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 150 PPM	DISP: Terminal Sacrifice	HISTO: 21060100465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Coagulating Gland	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Lung - Bronchus	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Seminal Vesicle	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Zymbal's Gland

MISSING

Brain - Cerebellum	Larynx	Mammary Gland	Preputial Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Cerebrum	Mineralization	Multifocal, Mild
Epididymis	Unilateral	Inflammation	Chronic, Focal, Mild
Intestine Large	Cecum	Hyperplasia	Focal, Mild
Kidney	Cortex, Renal Tubule	Hyperplasia	Focal, Mild
Liver	Hepatocyte	Hypertrophy	Diffuse, Mild
Lung		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
Prostate		Inflammation	Chronic, Mild
Salivary Glands		Inflammation	Chronic, Moderate
Testes	Unilateral	Mineralization	Multifocal, Minimal
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 466

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta

Bone - Femur

Bone - Sternum

Brain - Cerebellum

Brain - Cerebrum

Coagulating Gland

Ear

Epididymis

Esophagus

Eye

Gallbladder

Harderian Gland

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Lacrimal Gland

Lung - Bronchus

Pancreas

Parathyroid Gland

Peripheral Nerve

Preputial Gland

Seminal Vesicle

Skeletal Muscle

Skin

Spinal Cord - Thoracic

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thyroid Gland

Tongue

Trachea

MISSING

Larynx

Mammary Gland

Pituitary Gland

Thymus

Zymbal's Gland

OBSERVATIONS

Adrenal Gland

Cortex, Spindle Cell, Unilateral

Hyperplasia

Minimal

Bone Marrow

Hyperplasia

Diffuse, Mild

Kidney

Inflammation

Chronic, Multifocal, Minimal

Liver

Hepatocyte

Hypertrophy

Diffuse, Mild

Lung

Inflammation

Chronic, Multifocal, Mild

Lymph Node

Mandibular

Hyperplasia

Mild

Mesenteric

Hyperplasia

Mild

Nose

Inflammation

Chronic, Multifocal, Minimal

Prostate

Inflammation

Chronic, Minimal

Salivary Glands

Inflammation

Chronic, Mild

Urinary Bladder

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 467

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta
Brain - Cerebrum
Esophagus
Heart
Intestine Small - Duodenum
Lacrimal Gland
Nose
Preputial Gland
Skeletal Muscle
Stomach - Forestomach
Trachea

Bone - Femur
Coagulating Gland
Eye
Intestine Large - Cecum
Intestine Small - Ileum
Larynx
Pancreas
Prostate
Skin
Stomach - Glandular
Zymbal's Gland

Bone - Sternum
Ear
Gallbladder
Intestine Large - Colon
Intestine Small - Jejunum
Lung - Bronchus
Parathyroid Gland
Salivary Glands
Spinal Cord - Thoracic
Testes

Brain - Cerebellum
Epididymis
Harderian Gland
Intestine Large - Rectum
Kidney
Lymph Node - Mandibular
Peripheral Nerve
Seminal Vesicle
Spleen
Tongue

MISSING

Mammary Gland

Thymus

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland
Bone Marrow
Liver

Bilateral, Cortex, Spindle Cell

Hyperplasia
Hyperplasia
Basophilic Focus
Granuloma
Necrosis
Pigmentation
Tension Lipidosis
Hyperplasia
Cyst
Inflammation

Moderate
Diffuse, Mild
Mild
Multifocal, Minimal
Multifocal, Minimal
Moderate
Moderate
Chronic, Mild

Lymph Node
Thyroid Gland
Urinary Bladder

Mesenteric

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 468

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Ear	Epididymis
Eye	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Kidney	Lacrimal Gland	Larynx	Lung - Bronchus
Lymph Node - Mandibular	Nose	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Seminal Vesicle	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Tongue	Zymbal's Gland	

MISSING

Esophagus	Mammary Gland	Prostate	Trachea
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Harderian Gland		Lymphoma Malignant	
Intestine Large	Colon	Lymphoma Malignant	
Liver		Hepatocellular Adenoma	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
[Hepatocellular Adenoma TGLS = 2-2.1]			
Lymph Node	Mesenteric	Lymphoma Malignant	
Pancreas		Lymphoma Malignant	
Preputial Gland		Cyst	Multifocal, Mild
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
Thymus		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 469

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: 21060100469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Ear
Epididymis	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Peripheral Nerve
Pituitary Gland	Prostate	Seminal Vesicle	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Zymbal's Gland	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Note: ONLY ONE			
Intestine Large	Colon	Hyperplasia	Focal, Mild
Kidney		Inflammation	Chronic, Focal, Mild
Liver		Granuloma	Mild
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Necrosis	Multifocal, Minimal
		Pigmentation	Multifocal, Minimal
		Tension Lipidosis	
	Centrilobular	Vacuolization Cytoplasmic	Mild
Preputial Gland		Cyst	Multifocal, Moderate
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Moderate

[Hyperplasia TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 19	TRT#: 11	SEX: Female	DAY ON TEST: 366
	DOSE: 80 PPM	DISP: Natural Death	HISTO: 21060100019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Brain - Cerebellum
* Brain - Cerebrum	* Esophagus	* Heart	* Lung - Bronchus
* Nose	* Peripheral Nerve	* Salivary Glands	* Skeletal Muscle
* Spinal Cord - Thoracic	* Stomach - Forestomach	* Thymus	* Tongue

MISSING

* Clitoral Gland	* Ear	* Gallbladder	* Lacrimal Gland
* Lymph Node - Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Zymbal's Gland		

AUTO PRECLUDES DIAG.

* Adrenal Gland	* Bone Marrow	* Eye	* Harderian Gland
* Intestine Large - Cecum	* Intestine Large - Colon	* Intestine Large - Rectum	* Intestine Small - Duodenum
* Intestine Small - Ileum	* Intestine Small - Jejunum	* Kidney	* Larynx
* Liver	* Lymph Node - Mandibular	* Ovary	* Skin
* Spleen	* Stomach - Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	* Vagina	

OBSERVATIONS

* Liver
Note: TGL # 01 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: COD...-UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 25

TRT#: 11

SEX: Female

DAY ON TEST: 380

DOSE: 80 PPM

DISP: Natural Death

HISTO: 21060100025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Bone Marrow
* Brain - Cerebellum	* Brain - Cerebrum	* Esophagus	* Harderian Gland
* Heart	* Lacrimal Gland	* Larynx	* Lung - Bronchus
* Lymph Node - Mandibular	* Lymph Node - Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord - Thoracic
* Spleen	* Stomach - Forestomach	* Stomach - Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	* Uterus
* Vagina			

MISSING

* Clitoral Gland	* Ear	* Pituitary Gland	* Urinary Bladder
* Zymbal's Gland			

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large - Cecum	* Intestine Large - Colon
* Intestine Large - Rectum	* Intestine Small - Duodenum	* Intestine Small - Ileum	* Intestine Small - Jejunum

OBSERVATIONS

* Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
* Kidney		Glomerulosclerosis	Multifocal, Mild
* Liver		Eosinophilic Focus	
	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Moderate
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild

Note: SIZE AND CELLULAR PLEOMORPHISM

Note: TGL#1-NULLIFIED BY TRIMMER

[Hepatocellular Adenoma TGLS = 2-2.1]

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

Animal Note: COD...PROBABLE-HEPATOCELLULAR ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 28

TRT#: 7

SEX: Female

DAY ON TEST: 436

DOSE: 0 PPM

DISP: Natural Death

HISTO: 21060100028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Gland	* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum
* Bone Marrow	* Brain - Cerebellum	* Brain - Cerebrum	* Esophagus
* Heart	* Intestine Large - Cecum	* Intestine Large - Colon	* Intestine Large - Rectum
* Intestine Small - Duodenum	* Intestine Small - Ileum	* Intestine Small - Jejunum	* Lacrimal Gland
* Larynx	* Lung - Bronchus	* Lymph Node - Mandibular	* Lymph Node - Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Peripheral Nerve
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord - Thoracic
* Stomach - Forestomach	* Stomach - Glandular	* Thyroid Gland	* Tongue
* Trachea	* Vagina		

MISSING

* Clitoral Gland	* Ear	* Parathyroid Gland	* Pituitary Gland
* Thymus	* Zymbal's Gland		

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Harderian Gland
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OBSERVATIONS

* Kidney	Histiocytic Sarcoma	
* Liver	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-2]	Histiocytic Sarcoma	
* Lung	Histiocytic Sarcoma	
* Ovary	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-7]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-2]		
* Urinary Bladder	Histiocytic Sarcoma	
* Uterus	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-7]		

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: COD...PROBABLE-HISTIOCYTIC SARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 29

TRT#: 11

SEX: Female

DAY ON TEST: 426

DOSE: 80 PPM

DISP: Moribund

HISTO: 21060100029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Clitoral Gland	Ear	Esophagus
Eye	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Peripheral Nerve	Pituitary Gland	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tongue	Trachea	Uterus
Vagina	Zymbal's Gland		

MISSING

Gallbladder	Lacrimal Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Brain	Cerebrum	Edema	Multifocal, Mild
Kidney	Pelvis	Dilatation	Diffuse, Mild
		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Subacute, Multifocal, Mild
Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-2 + 2.1]		
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Inflammation	Subacute, Multifocal, Minimal
Pituitary Gland			
	Note: FRAGMENTED SECTION		
Salivary Glands		Inflammation	Subacute, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-2]		
Urinary Bladder	Mucosa	Hyperplasia	Papillary, Multifocal, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 29

TRT#: 11

SEX: Female

DAY ON TEST: 426

DOSE: 80 PPM

DISP: Moribund

HISTO: 21060100029

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: COD...PROBABLE-HEPATOCELLULAR CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 30	TRT#: 11	SEX: Female	DAY ON TEST: 415
	DOSE: 80 PPM	DISP: Natural Death	HISTO: 21060100030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Bone Marrow
* Brain - Cerebellum	* Brain - Cerebrum	* Esophagus	* Heart
* Intestine Large - Colon	* Lacrimal Gland	* Larynx	* Lung - Bronchus
* Lymph Node - Mandibular	* Lymph Node - Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Skeletal Muscle
* Skin	* Spinal Cord - Thoracic	* Spleen	* Thyroid Gland
* Tongue	* Uterus	* Vagina	

MISSING

* Clitoral Gland	* Ear	* Gallbladder	* Mammary Gland
* Pituitary Gland	* Trachea	* Zymbal's Gland	

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large - Cecum	* Intestine Large - Rectum	* Intestine Small - Duodenum
* Intestine Small - Ileum	* Intestine Small - Jejunum	* Stomach - Forestomach	* Stomach - Glandular

OBSERVATIONS

* Adrenal Gland Note: ONLY ONE	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
* Harderian Gland		Inflammation	Subacute, Minimal
* Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Subacute, Multifocal, Mild
* Liver	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Mild
		Necrosis	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Moderate
Note: TGL'S# 1 & 2-NULLIFIED BY TRIMMER [Hepatocellular Adenoma TGLS = 3-2.1]			
* Salivary Glands		Inflammation	Subacute, Mild
* Thymus		Atrophy	Moderate
* Urinary Bladder		Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 30

TRT#: 11

SEX: Female

DAY ON TEST: 415

DOSE: 80 PPM

DISP: Natural Death

HISTO: 21060100030

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: COD...PROBABLE-HEPATOCELLULAR ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 31	TRT#: 11	SEX: Female	DAY ON TEST: 438
	DOSE: 80 PPM	DISP: Natural Death	HISTO: 21060100031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Brain - Cerebellum
* Brain - Cerebrum	* Clitoral Gland	* Esophagus	* Harderian Gland
* Heart	* Lacrimal Gland	* Larynx	* Lung - Bronchus
* Lymph Node - Mandibular	* Mammary Gland	* Nose	* Ovary
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Spinal Cord - Thoracic	* Stomach - Forestomach	* Thymus	* Tongue
* Uterus			

MISSING

* Ear	* Lymph Node - Mesenteric	* Parathyroid Gland	* Zymbal's Gland
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AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large - Cecum	* Intestine Large - Colon
* Intestine Large - Rectum	* Intestine Small - Duodenum	* Intestine Small - Ileum	* Intestine Small - Jejunum
* Kidney	* Pancreas	* Skin	* Spleen
* Stomach - Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Vagina

OBSERVATIONS

* Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Diffuse, Moderate
* Liver		Hepatocellular Adenoma	

[Hepatocellular Adenoma TGLS = 1-2]

* Pituitary Gland

Note: FRAGMENTED

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

Animal Note: COD...PROBABLE-HEPATOCELLULAR ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 32	TRT#: 11	SEX: Female	DAY ON TEST: 434
	DOSE: 80 PPM	DISP: Natural Death	HISTO: 21060100032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Brain - Cerebellum
* Brain - Cerebrum	* Esophagus	* Harderian Gland	* Heart
* Intestine Large - Rectum	* Lacrimal Gland	* Lung - Bronchus	* Lymph Node - Mandibular
* Lymph Node - Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Skin	* Spinal Cord - Thoracic
* Spleen	* Stomach - Forestomach	* Stomach - Glandular	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	* Vagina

MISSING

* Clitoral Gland	* Ear	* Larynx	* Zymbal's Gland
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AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Intestine Large - Cecum	* Intestine Large - Colon
* Intestine Small - Duodenum	* Intestine Small - Ileum	* Intestine Small - Jejunum	

OBSERVATIONS

* Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Diffuse, Mild
* Kidney		Glomerulosclerosis	Multifocal, Mild
* Liver	Hepatocyte	Hepatocellular Adenoma	Diffuse, Moderate
		Hypertrophy	Multifocal, Marked
		Necrosis	Multifocal, Mild
		Pigmentation	
[Hepatocellular Adenoma TGLS = 1,2,3,4,5-2+2.1+2.2]			
* Pituitary Gland			
Note: FRAGMENTED			
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Cyst	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

Animal Note: COD...PROBABLE-HEPATOCELLULAR ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 33	TRT#: 11	SEX: Female	DAY ON TEST: 450
	DOSE: 80 PPM	DISP: Natural Death	HISTO: 21060100033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Brain - Cerebellum
* Clitoral Gland	* Ear	* Esophagus	* Harderian Gland
* Heart	* Lacrimal Gland	* Larynx	* Lung - Bronchus
* Lymph Node - Mandibular	* Nose	* Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skeletal Muscle	* Spinal Cord - Thoracic	* Stomach - Forestomach
* Zymbal's Gland			

MISSING

* Thymus	* Tongue
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AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* Intestine Large - Cecum	* Intestine Large - Colon
* Intestine Large - Rectum	* Intestine Small - Duodenum	* Intestine Small - Ileum	* Intestine Small - Jejunum
* Kidney	* Liver	* Lymph Node - Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach - Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	* Vagina	

OBSERVATIONS

* Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
* Brain	Cerebrum	Mineralization	Multifocal, Minimal
* Eye		Hyperplasia	Melanocyte, Diffuse, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: COD...UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 34

TRT#: 10

SEX: Female

DAY ON TEST: 471

DOSE: 50 PPM

DISP: Moribund

HISTO: 21060100034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Peripheral Nerve	Pituitary Gland	Skeletal Muscle
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea

MISSING

Ear	Parathyroid Gland	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Lymphoma Malignant	
Brain	Cerebellum	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3]			
Clitoral Gland		Lymphoma Malignant	
Eye		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
Heart		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Lymphoma Malignant	
		Necrosis	Multifocal, Mild
Lung		Lymphoma Malignant	
Mammary Gland		Lymphoma Malignant	
Ovary		Lymphoma Malignant	
Pituitary Gland			
Note: FRAGMENTED			
Salivary Glands		Lymphoma Malignant	
Skin		Lymphoma Malignant	
Spinal Cord	Thoracic	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 34	TRT#: 10 DOSE: 50 PPM	SEX: Female DISP: Moribund	DAY ON TEST: 471 HISTO: 21060100034
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: PRIMARY SITE [Lymphoma Malignant TGLS = 1-2]		Lymphoma Malignant	
Stomach	Glandular	Mineralization	Focal, Minimal
Tongue		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus		Lymphoma Malignant	
Note: TGL#2-NULLIFIED BY TRIMMER			
Vagina		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: COD...PROBABLE-LYMPHOMA MALIGNANT (SPLEEN)

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 36	TRT#: 8	SEX: Female	DAY ON TEST: 464
	DOSE: 5 PPM	DISP: Moribund	HISTO: 21060100036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lacrimal Gland
Liver	Lung - Bronchus	Nose	Ovary
Pancreas	Peripheral Nerve	Salivary Glands	Skeletal Muscle
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Vagina			

MISSING

Clitoral Gland	Ear	Larynx	Mammary Gland
Parathyroid Gland	Pituitary Gland	Zymbal's Gland	

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Esophagus		Hyperkeratosis	Diffuse, Mild
Harderian Gland		Inflammation	Subacute, Minimal
Lung		Squamous Cell Carcinoma	Metastatic (Skin)
Lymph Node	Mesenteric	Pigmentation	Multifocal, Minimal
	Axillary	Squamous Cell Carcinoma	Metastatic (Skin)
	Deep Cervical	Squamous Cell Carcinoma	Metastatic (Skin)
	Mandibular	Squamous Cell Carcinoma	Metastatic (Skin)
	[Squamous Cell Carcinoma TGLS = 2-11]		
	[Squamous Cell Carcinoma TGLS = 1-5.1]		
Saliv Glands			
	Note: TGL#1-NOTED GROSSLY AS SALIVARY GLAND WAS LYMPH NODE		
Skin		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLS = 4-11]		
Spleen		Hyperplasia	Mild
Thymus			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 36	TRT#: 8	SEX: Female	DAY ON TEST: 464
	DOSE: 5 PPM	DISP: Moribund	HISTO: 21060100036

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 05 - NO MICROSCOPIC CORRELATE

Uterus	Bilateral	Cyst	Multifocal, Mild
[Cyst TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Skin Squamous Cell Carcinoma

Animal Note: COD...PROBABLE-SKIN,SQUAMOUS CELL CARCINOMA

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 37

TRT#: 10

SEX: Female

DAY ON TEST: 443

DOSE: 50 PPM

DISP: Moribund

HISTO: 21060100037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Lung - Bronchus	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Skeletal Muscle	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Clitoral Gland	Ear	Harderian Gland	Larynx
Lymph Node - Mandibular	Pituitary Gland	Thymus	Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Heart		Inflammation	Subacute, Multifocal, Mild
Kidney	Pelvis	Dilatation	Diffuse, Mild
Note: RIGHT DILATATION			
Note: LEFT NORMAL			
Liver		Histiocytic Sarcoma	Metastatic (Spleen)
[Histiocytic Sarcoma TGLS = 4-2]			
Lung		Histiocytic Sarcoma	Metastatic (Spleen)
Pancreas	Acinar Cell	Atrophy	Multifocal, Mild
Skin		Edema	Diffuse, Mild
Note: TGL#1-NULIFIED BY TRIMMER			
Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-2]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL#2-CAVITY-NO SECTION TAKEN

Animal Note: COD...PROBABLE-HISTIOCYTIC SARCOMA (SPLEEN)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 39

TRT#: 10

SEX: Female

DAY ON TEST: 470

DOSE: 50 PPM

DISP: Natural Death

HISTO: 21060100039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Harderian Gland
Heart	Lacrimal Gland	Lung - Bronchus	Pancreas
Peripheral Nerve	Salivary Glands	Skeletal Muscle	Spinal Cord - Thoracic
Thyroid Gland	Tongue		

MISSING

Ear	Larynx	Parathyroid Gland	Thymus
Zymbal's Gland			

AUTO PRECLUDES DIAG.

Clitoral Gland	Eye	Gallbladder	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Stomach - Glandular	Trachea	

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney		Lymphoma Malignant	
Liver		Lymphoma Malignant	
		Lymphoma Malignant	
		Necrosis	Focal, Mild
Lung		Lymphoma Malignant	
Lymph Node	Mesenteric	Lymphoma Malignant	
Mammary Gland		Lymphoma Malignant	
Nose		Lymphoma Malignant	
Ovary		Lymphoma Malignant	
Skin		Lymphoma Malignant	
Spleen		Lymphoma Malignant	

Note: PRIMARY SITE

[Lymphoma Malignant TGLS = 1-2]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 39	TRT#: 10 DOSE: 50 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 470 HISTO: 21060100039
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ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Edema	Diffuse, Mild
	Forestomach	Inflammation	Subacute, Focal, Minimal
	Forestomach	Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus		Lymphoma Malignant	
Vagina		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: COD...PROBABLE-LYMPHOMA MALIGNANT (SPLEEN)

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 40

TRT#: 8

SEX: Female

DAY ON TEST: 493

DOSE: 5 PPM

DISP: Moribund

HISTO: 21060100040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Sternum	Brain - Cerebellum	Clitoral Gland
Ear	Eye	Gallbladder	Harderian Gland
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lacrimal Gland
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	Vagina
Zymbal's Gland			

MISSING

Bone - Femur	Larynx	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Minimal
Bone Marrow		Hyperplasia	Diffuse, Moderate
Brain	Cerebrum	Edema	Focal, Mild
	Artery, Cerebrum, Meninges	Inflammation	Chronic, Mild
	Cerebrum	Necrosis	Focal, Mild
Esophagus		Hyperkeratosis	Diffuse, Mild
Heart		Cardiomyopathy	Multifocal, Minimal
		Degeneration	Multifocal, Minimal
Liver		Granuloma	Multifocal, Minimal
		Pigmentation	Multifocal, Minimal
Ovary		Cyst	Moderate
Spinal Cord	Thoracic	Degeneration	Multifocal, Minimal
	Thoracic	Necrosis	Multifocal, Minimal
Stomach	Forestomach	Hyperkeratosis	Diffuse, Moderate
	Forestomach	Hyperplasia	Diffuse, Moderate
		Inflammation	Minimal
Thymus		Atrophy	Mild
Tongue	Artery	Inflammation	Chronic, Multifocal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 40	TRT#: 8 DOSE: 5 PPM	SEX: Female DISP: Moribund	DAY ON TEST: 493 HISTO: 21060100040
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ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder	Mucosa	Hyperplasia	Multifocal, Mild
Uterus		Cyst	Multifocal, Mild

PRIMARY CAUSE OF DEATH - Brain Artery Cerebrum Meninges Inflammation

Animal Note: COD...PROBABLE-INFLAMMATION CHRONIC (ARTERIES)

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 41	TRT#: 11	SEX: Female	DAY ON TEST: 503
	DOSE: 80 PPM	DISP: Natural Death	HISTO: 21060100041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Bone Marrow
* Brain - Cerebrum	* Esophagus	* Harderian Gland	* Heart
* Nose	* Peripheral Nerve	* Skeletal Muscle	* Stomach - Forestomach
* Tongue	* Vagina		

MISSING

* Adrenal Gland	* Lacrimal Gland	* Lymph Node - Mandibular	* Lymph Node - Mesenteric
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Thymus	* Thyroid Gland	* Zymbal's Gland	

AUTO PRECLUDES DIAG.

* Brain - Cerebellum	* Clitoral Gland	* Ear	* Eye
* Gallbladder	* Intestine Large - Cecum	* Intestine Large - Colon	* Intestine Large - Rectum
* Intestine Small - Duodenum	* Intestine Small - Ileum	* Intestine Small - Jejunum	* Kidney
* Larynx	* Liver	* Lung - Bronchus	* Ovary
* Pancreas	* Skin	* Spinal Cord - Thoracic	* Spleen
* Stomach - Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver
Note: TGL # 01 - NO MICROSCOPIC CORRELATE
Note: SECTION 8A IS TOO AUTOLYTIC TO DIAGNOSE BUT THE STRUCTURE IS COMPATIBLE WITH A DX OF PRIMARY CARCINOMA

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: COD...UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 42

TRT#: 11

SEX: Female

DAY ON TEST: 544

DOSE: 80 PPM

DISP: Natural Death

HISTO: 21060100042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Bone Marrow
* Brain - Cerebellum	* Brain - Cerebrum	* Clitoral Gland	* Ear
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large - Cecum	* Intestine Large - Colon	* Intestine Large - Rectum	* Intestine Small - Duodenum
* Intestine Small - Ileum	* Intestine Small - Jejunum	* Lacrimal Gland	* Lung - Bronchus
* Lymph Node - Mandibular	* Lymph Node - Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Skeletal Muscle	* Skin
* Spinal Cord - Thoracic	* Stomach - Forestomach	* Stomach - Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	* Urinary Bladder
* Uterus	* Vagina	* Zymbal's Gland	

MISSING

* Gallbladder	* Larynx	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
* Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Subacute, Multifocal, Mild
* Liver		Granuloma	Multifocal, Moderate
		Hepatocellular Carcinoma	
		Necrosis	Multifocal, Moderate
		Pigmentation	Multifocal, Moderate
	[Hepatocellular Carcinoma TGLS = 1,2,3-2 + 2.1]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Ovary	Bilateral	Pigmentation	Multifocal, Mild
* Salivary Glands		Inflammation	Chronic, Mild
* Spleen		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: COD...PROBABLE-LIVER,HEPATOCLR CARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 43

TRT#: 9

SEX: Female

DAY ON TEST: 544

DOSE: 15 PPM

DISP: Moribund

HISTO: 21060100043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Ear	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Liver	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Peripheral Nerve	Pituitary Gland	Skeletal Muscle
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thymus
Tongue	Urinary Bladder	Vagina	Zymbal's Gland

MISSING

Clitoral Gland	Parathyroid Gland	Skin	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Kidney		Inflammation	Subacute, Focal, Mild
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 1-3]			
Salivary Glands		Inflammation	Subacute, Mild
Spleen		Hyperplasia	Mild
Uterus	Bilateral	Dilatation	Multifocal, Moderate
[Dilatation TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Mammary Gland Adenocarcinoma

Animal Note: COD...PROBABLE-MAMMARY GL,ADENOCARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 44

TRT#: 7

SEX: Female

DAY ON TEST: 527

DOSE: 0 PPM

DISP: Moribund

HISTO: 21060100044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Clitoral Gland	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Liver	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Uterus
Vagina	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Multifocal, Mild
Brain	Cerebrum	Mineralization	Multifocal, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
Lacrimal Gland		Inflammation	Subacute, Focal, Minimal
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
	Interstitial, Perivascular	Inflammation	Subacute, Multifocal, Mild
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 2-3]			
Ovary		Cyst	Moderate
		Pigmentation	Multifocal, Minimal

Note: LETF PIGMENT

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH - Mammary Gland Adenocarcinoma

Animal Note: COD...PROBABLE-MAMMARY GL,ADENOCARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 47

TRT#: 11

SEX: Female

DAY ON TEST: 555

DOSE: 80 PPM

DISP: Moribund

HISTO: 21060100047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Eye
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Lung - Bronchus	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tongue	Urinary Bladder
Vagina	Zymbal's Gland		

MISSING

Gallbladder	Thymus	Trachea
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Clitoral Gland		Inflammation	Chronic, Focal, Mild
Harderian Gland		Inflammation	Chronic, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Inflammation	Chronic, Focal, Mild
Lacrimal Gland		Inflammation	Chronic, Focal, Mild
Liver		Hemangiosarcoma	
		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Necrosis	Multifocal, Marked
		Pigmentation	Multifocal, Mild
[Hemangiosarcoma TGLS = 2-2]			
[Hepatocellular Adenoma TGLS = 1-2]			
Lung		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mesenteric	Hyperplasia	Mild
	Mandibular	Pigmentation	Multifocal, Mild
Nose		Inflammation	Subacute, Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 47	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Moribund	DAY ON TEST: 555 HISTO: 21060100047
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hemangiosarcoma	Metastatic (Liver)
		Hyperplasia	Moderate
Uterus	Bilateral	Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

Animal Note: COD...PROBABLE-LIVER,HEMANGIOSARCOMA

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 52	TRT#: 11	SEX: Female	DAY ON TEST: 575
	DOSE: 80 PPM	DISP: Natural Death	HISTO: 21060100052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Bone Marrow
* Brain - Cerebellum	* Brain - Cerebrum	* Ear	* Heart
* Larynx	* Lung - Bronchus	* Mammary Gland	* Nose
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord - Thoracic	* Uterus
* Zymbal's Gland			

MISSING

* Clitoral Gland	* Gallbladder	* Lymph Node - Mesenteric	* Thymus
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AUTO PRECLUDES DIAG.

* Adrenal Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large - Cecum	* Intestine Large - Colon	* Intestine Large - Rectum	* Intestine Small - Duodenum
* Intestine Small - Ileum	* Intestine Small - Jejunum	* Kidney	* Lacrimal Gland
* Lymph Node - Mandibular	* Ovary	* Pancreas	* Spleen
* Stomach - Forestomach	* Stomach - Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Vagina		

OBSERVATIONS

* Liver	Hepatocellular Adenoma		
[Hepatocellular Adenoma TGLS = 1,2-2]			
* Lung	Congestion	Diffuse, Moderate	
	Edema	Diffuse, Moderate	
* Tongue	Hyperkeratosis	Focal, Mild	

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

Animal Note: COD...PROBABLE-LIVER,HEPATOCLR ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 53	TRT#: 10 DOSE: 50 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 561 HISTO: 21060100053
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain - Cerebellum	Brain - Cerebrum	Ear	Harderian Gland
Heart	Larynx	Lung - Bronchus	Nose
Pancreas	Peripheral Nerve	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Tongue	Zymbal's Gland

MISSING

Clitoral Gland	Esophagus	Mammary Gland	Ovary
Parathyroid Gland	Pituitary Gland	Thyroid Gland	Trachea

AUTO PRECLUDES DIAG.

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Eye	Gallbladder	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Liver	Lymph Node - Mesenteric	Salivary Glands
Spleen	Stomach - Glandular	Vagina	

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Kidney	Pelvis	Dilatation	Diffuse, Mild
	Renal Tubule	Mineralization	Moderate
Lymph Node	Mandibular	Pigmentation	Multifocal, Mild
Thymus		Atrophy	Moderate
Urinary Bladder		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-9]			
Uterus		Dilatation	Multifocal, Moderate
		Polyp	
[Polyp TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: COD...UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 55

TRT#: 11

SEX: Female

DAY ON TEST: 585

DOSE: 80 PPM

DISP: Moribund

HISTO: 21060100055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Clitoral Gland	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Vagina
Zymbal's Gland			

MISSING

Larynx	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Brain	Cerebellum	Meningioma Malignant	
	Cerebrum	Meningioma Malignant	
Heart		Degeneration	Multifocal, Mild
Kidney		Inflammation	Subacute, Focal, Minimal
Liver		Fatty Change	Multifocal, Moderate
		Granuloma	Multifocal, Moderate
		Hepatocellular Adenoma	
		Necrosis	Multifocal, Moderate
		Pigmentation	Multifocal, Moderate
		Tension Lipidosis	
		Vacuolization Cytoplasmic	Multifocal, Marked
	[Fatty Change TGLS = 1,2-2]		
	[Hepatocellular Adenoma TGLS = 3,4-2.1]		
Lung		Inflammation	Subacute, Multifocal, Mild
Ovary	Bilateral	Pigmentation	Multifocal, Mild
Stomach	Forestomach	Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 55	TRT#: 11	SEX: Female	DAY ON TEST: 585
	DOSE: 80 PPM	DISP: Moribund	HISTO: 21060100055

ORGAN AND ACCOUNTABLE SITE STATUS

	Forestomach	Proliferation	Chronic, Focal, Moderate
	Forestomach	Ulcer	Moderate
Tongue		Inflammation	Subacute, Multifocal, Mild
Uterus	Endometrium	Cyst	Multifocal, Mild

PRIMARY CAUSE OF DEATH - Brain Cerebrum Meningioma Malignant

Animal Note: COD...PROBABLE-BRAIN,MENINGIOMA MALIGNANT

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 56 **TRT#:** 7 **SEX:** Female **DAY ON TEST:** 619
DOSE: 0 PPM **DISP:** Moribund **HISTO:** 21060100056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel - Aorta	Bone - Femur	Bone - Sternum
Brain - Cerebellum	Brain - Cerebrum	Ear	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Peripheral Nerve
Pituitary Gland	Skeletal Muscle	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina	Zymbal's Gland	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Clitoral Gland		Adenoma	
Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Subacute, Multifocal, Mild
Liver		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Mammary Gland			
Note: TGL# 1-NOTED GROSSLY AS MAMMARY WAS SKIN			
Salivary Glands		Inflammation	Subacute, Mild
Skin		Adenosquamous Carcinoma	
[Adenosquamous Carcinoma TGLS = 1-3.1]			
Spleen		Hyperplasia	Mild
Tongue		Granuloma	Focal, Minimal
Uterus	Bilateral	Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH - Skin Adenosquamous Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 56

TRT#: 7

SEX: Female

DAY ON TEST: 619

DOSE: 0 PPM

DISP: Moribund

HISTO: 21060100056

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: COD...PROBABLE-SKIN,CARCINOMA ADENOSQUAMOUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 57

TRT#: 11

SEX: Female

DAY ON TEST: 594

DOSE: 80 PPM

DISP: Moribund

HISTO: 21060100057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Ear	Esophagus	Eye	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Peripheral Nerve	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Clitoral Gland	Larynx	Parathyroid Gland	Pituitary Gland
Thymus			

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Adrenal Gland		Histiocytic Sarcoma	Metastatic (Spleen)
	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Brain	Cerebrum	Mineralization	Multifocal, Mild
Harderian Gland		Inflammation	Subacute, Mild
Kidney		Histiocytic Sarcoma	Metastatic (Spleen)
Liver		Histiocytic Sarcoma	Metastatic (Spleen)
	[Histiocytic Sarcoma TGLS = 3,4,5,6-2 + 2.1]		
Lung		Inflammation	Subacute, Multifocal, Mild
Ovary		Histiocytic Sarcoma	Metastatic (Spleen)
Pancreas		Histiocytic Sarcoma	Metastatic (Spleen)
Salivary Glands		Inflammation	Subacute, Mild
Skeletal Muscle		Inflammation	Subacute, Focal, Mild
Spleen		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 1-2.1]		
Uterus		Histiocytic Sarcoma	Metastatic (Spleen)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 57	TRT#: 11	SEX: Female	DAY ON TEST: 594
	DOSE: 80 PPM	DISP: Moribund	HISTO: 21060100057

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 2-7]		
Vagina	Histiocytic Sarcoma	Metastatic (Spleen)
[Histiocytic Sarcoma TGLS = 7-9]		

PRIMARY CAUSE OF DEATH - Spleen Histiocytic Sarcoma

Animal Note: COD...PROBABLE-SPLEEN,HISTIO SARC

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 59 TRT#: 11 SEX: Female DAY ON TEST: 604
DOSE: 80 PPM DISP: Natural Death HISTO: 21060100059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Sternum	* Clitoral Gland	* Ear
* Esophagus	* Heart	* Lung - Bronchus	* Mammary Gland
* Peripheral Nerve	* Skeletal Muscle	* Skin	* Tongue
* Vagina	* Zymbal's Gland		

MISSING

* Adrenal Gland	* Thymus
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AUTO PRECLUDES DIAG.

* Bone - Femur	* Bone Marrow	* Brain - Cerebellum	* Brain - Cerebrum
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large - Cecum
* Intestine Large - Colon	* Intestine Large - Rectum	* Intestine Small - Duodenum	* Intestine Small - Ileum
* Intestine Small - Jejunum	* Kidney	* Larynx	* Lymph Node - Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Spinal Cord - Thoracic	* Spleen	* Stomach - Forestomach	* Stomach - Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Lacrimal Gland		Inflammation	Subacute, Focal, Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1,2-2]			
* Lymph Node	Mandibular	Pigmentation	Multifocal, Mild
* Nose	Glands	Adenoma	
* Salivary Glands		Inflammation	Subacute, Mild
* Uterus		Inflammation	Chronic, Multifocal, Marked
		Mineralization	Multifocal, Marked
		Thrombosis	Multifocal, Marked
[Inflammation TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

Animal Note: COD...PROBABLE-HEPATOCELLULAR ADENOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 62

TRT#: 11

SEX: Female

DAY ON TEST: 625

DOSE: 80 PPM

DISP: Natural Death

HISTO: 21060100062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Ear
* Harderian Gland	* Heart	* Lacrimal Gland	* Larynx
* Lung - Bronchus	* Nose	* Pancreas	* Pituitary Gland
* Spinal Cord - Thoracic	* Spleen	* Tongue	* Zymbal's Gland

MISSING

* Brain - Cerebellum	* Parathyroid Gland	* Peripheral Nerve
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AUTO PRECLUDES DIAG.

* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Intestine Large - Cecum	* Intestine Large - Colon	* Intestine Large - Rectum	* Intestine Small - Duodenum
* Intestine Small - Ileum	* Intestine Small - Jejunum	* Lymph Node - Mesenteric	* Mammary Gland
* Skin	* Stomach - Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	* Vagina	

OBSERVATIONS

* Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Diffuse, Mild
* Brain	Cerebrum	Meningioma Malignant	
	Cerebrum	Necrosis	Multifocal, Marked
* Kidney		Glomerulosclerosis	Multifocal, Minimal
		Inflammation	Subacute, Multifocal, Moderate
* Liver		Granuloma	Multifocal, Mild
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Multifocal, Mild
* Lung		Inflammation	Subacute, Multifocal, Mild
* Lymph Node	Mandibular	Hyperplasia	Mild
* Ovary		Pigmentation	Multifocal, Mild
* Salivary Glands		Inflammation	Subacute, Moderate
* Skeletal Muscle		Degeneration	Mild
* Stomach	Forestomach	Hyperkeratosis	Diffuse, Marked
	Forestomach	Hyperplasia	Diffuse, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 62	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 625 HISTO: 21060100062
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Forestomach	Inflammation Atrophy	Proliferative, Chronic, Diffuse, Marked Mild
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PRIMARY CAUSE OF DEATH - Brain Cerebrum Meningioma Malignant

Animal Note: COD...PROBABLE-BRAIN,MENINGIOMA MAL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 63

TRT#: 7

SEX: Female

DAY ON TEST: 630

DOSE: 0 PPM

DISP: Harvest

HISTO: 21060100063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Ear	Esophagus
Eye	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Larynx	Liver
Lung - Bronchus	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Vagina	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Clitoral Gland		Dilatation	Multifocal, Mild
Harderian Gland		Inflammation	Subacute, Mild
Kidney		Inflammation	Subacute, Focal, Minimal
Lymph Node	Mandibular	Pigmentation	Multifocal, Mild
Salivary Glands		Inflammation	Subacute, Mild
Uterus	Bilateral	Cyst	Multifocal, Moderate

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: ..ESCAPED FROM CAGE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 64

TRT#: 7

SEX: Female

DAY ON TEST: 630

DOSE: 0 PPM

DISP: Harvest

HISTO: 21060100064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Ear	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Vagina	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Eye	Cornea, Unilateral	Inflammation	Chronic, Diffuse, Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-10]			
Kidney		Inflammation	Subacute, Multifocal, Mild
Lacrimal Gland		Inflammation	Subacute, Focal, Minimal
Liver		Necrosis	Focal, Minimal
Ovary		Hematocyst	Mild
	Bilateral	Pigmentation	Multifocal, Minimal
Salivary Glands		Inflammation	Subacute, Mild
Spleen		Hyperplasia	Mild
Uterus	Bilateral	Dilatation	Diffuse, Marked
[Dilatation TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 65	TRT#: 7	SEX: Female	DAY ON TEST: 630
	DOSE: 0 PPM	DISP: Harvest	HISTO: 21060100065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Ear
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Vagina
Zymbal's Gland			

MISSING

Esophagus	Larynx	Lymph Node - Mandibular
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Kidney		Inflammation	Subacute, Multifocal, Minimal
Liver		Vacuolization Cytoplasmic	Diffuse, Minimal
Salivary Glands		Inflammation	Subacute, Minimal
Uterus		Cyst	Multifocal, Mild

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 66

TRT#: 7

SEX: Female

DAY ON TEST: 630

DOSE: 0 PPM

DISP: Harvest

HISTO: 21060100066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lacrimal Gland	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Peripheral Nerve	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Vagina	Zymbal's Gland

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Liver		Necrosis	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
Salivary Glands		Inflammation	Chronic, Mild
Uterus		Cyst	Multifocal, Mild

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 67

TRT#: 7

SEX: Female

DAY ON TEST: 657

DOSE: 0 PPM

DISP: Moribund

HISTO: 21060100067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel - Aorta	Bone - Sternum	Brain - Cerebellum
Ear	Esophagus	Eye	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Mammary Gland
Nose	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Vagina	

MISSING

Clitoral Gland	Thymus	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Femur	Hyperplasia	Diffuse, Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Brain	Cerebrum	Mineralization	Multifocal, Mild
Heart	Ventricl Rgt	Thrombosis	Focal, Moderate
Kidney		Inflammation	Subacute, Multifocal, Minimal
Liver		Histiocytic Sarcoma	Metastatic (Spleen)
[Histiocytic Sarcoma TGLS = 3-2]			
Lung		Histiocytic Sarcoma	Metastatic (Spleen)
Lymph Node	Mesenteric	Histiocytic Sarcoma	Metastatic (Spleen)
Ovary		Cyst	Mild
	Bilateral	Pigmentation	Multifocal, Mild
Note: TGL#2-NULLIFIED BY TRIMMER			
Note: CYST LEFT			
Pancreas	Acinar Cell	Atrophy	Diffuse, Mild
		Histiocytic Sarcoma	Metastatic (Spleen)
Spleen		Histiocytic Sarcoma	
		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 67	TRT#: 7	SEX: Female	DAY ON TEST: 657
	DOSE: 0 PPM	DISP: Moribund	HISTO: 21060100067

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 1-2]

Uterus	Unilateral	Dilatation	Diffuse, Mild
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PRIMARY CAUSE OF DEATH - Spleen Histiocytic Sarcoma

Animal Note: COD...PROBABLE-SPLEEN,HISTIO SARC

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 70	TRT#: 11	SEX: Female	DAY ON TEST: 630
	DOSE: 80 PPM	DISP: Natural Death	HISTO: 21060100070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Bone Marrow
* Brain - Cerebellum	* Brain - Cerebrum	* Clitoral Gland	* Esophagus
* Lung - Bronchus	* Nose	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Skeletal Muscle	* Skin	* Spinal Cord - Thoracic
* Thyroid Gland	* Tongue	* Trachea	

MISSING

* Adrenal Gland	* Ear	* Lacrimal Gland	* Mammary Gland
* Thymus	* Zymbal's Gland		

AUTO PRECLUDES DIAG.

* Eye	* Gallbladder	* Harderian Gland	* Intestine Large - Cecum
* Intestine Large - Colon	* Intestine Large - Rectum	* Intestine Small - Duodenum	* Intestine Small - Ileum
* Intestine Small - Jejunum	* Larynx	* Pancreas	* Stomach - Forestomach
* Stomach - Glandular	* Urinary Bladder	* Uterus	* Vagina

OBSERVATIONS

* Heart	Atrium	Congestion	Marked
[Congestion TGLS = 2-1]			
* Kidney		Nephropathy	Chronic, Multifocal, Moderate
* Liver	Hepatocyte	Hepatocellular Carcinoma	
		Hypertrophy	Diffuse, Moderate
		Necrosis	Multifocal, Moderate
		Pigmentation	Multifocal, Moderate
[Hepatocellular Carcinoma TGLS = 3-2.1]			
* Lung		Lymphoma Malignant Histiocytic	
* Lymph Node	Mesenteric	Hemorrhage	Multifocal, Mild
	Mandibular	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
* Ovary		Lymphoma Malignant Histiocytic	
* Salivary Glands		Lymphoma Malignant Histiocytic	
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 70

TRT#: 11

SEX: Female

DAY ON TEST: 630

DOSE: 80 PPM

DISP: Natural Death

HISTO: 21060100070

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: COD...PROBABLE-HEPATOCELLULAR CARCINOMA

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 71 TRT#: 10 SEX: Female DAY ON TEST: 625
DOSE: 50 PPM DISP: Natural Death HISTO: 21060100071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone - Femur	Bone - Sternum	Bone Marrow	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung - Bronchus
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Uterus
Vagina	Zymbal's Gland		

MISSING

Blood Vessel - Aorta	Clitoral Gland	Lacrimal Gland	Thymus
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AUTO PRECLUDES DIAG.

Eye	Gallbladder
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OBSERVATIONS

Adrenal Gland	Bilateral Bilateral, Cortex, Spindle Cell	Hemorrhage Hyperplasia	Multifocal, Moderate Mild
Harderian Gland		Adenoma	
Kidney		Inflammation	Subacute, Multifocal, Mild
Liver		Granuloma Hepatocellular Carcinoma Infiltration Cellular Necrosis Pigmentation	Multifocal, Mild Lymphocytic, Multifocal, Mild Multifocal, Mild Multifocal, Mild
[Hepatocellular Carcinoma TGLS = 1-2]			
Lymph Node	Mandibular	Pigmentation	Multifocal, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: COD...PROBABLE-LIVER,HEPATOCLR CARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 72	TRT#: 8 DOSE: 5 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 643 HISTO: 21060100072
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Ear	Esophagus
Harderian Gland	Heart	Intestine Large - Colon	Intestine Large - Rectum
Lacrimal Gland	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Peripheral Nerve
Salivary Glands	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tongue
Trachea	Urinary Bladder		

MISSING

Larynx	Pituitary Gland	Vagina	Zymbal's Gland
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AUTO PRECLUDES DIAG.

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

INSUFFICIENT TISSUE

Adrenal Gland

OBSERVATIONS

Adrenal GI			
Note: ONLY 1			
Clitoral Gland		Cyst	Multifocal, Minimal
Kidney		Glomerulosclerosis	Multifocal, Mild
	Cortex, Renal Tubule	Hyperplasia	Multifocal, Mild
Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
Ovary		Cyst	Mild
		Pigmentation	Multifocal, Mild
Parathyroid Gland		Hyperplasia	Focal, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-2]			
Thymus		Atrophy	Marked
Uterus		Hemangiosarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 72

TRT#: 8

SEX: Female

DAY ON TEST: 643

DOSE: 5 PPM

DISP: Natural Death

HISTO: 21060100072

ORGAN AND ACCOUNTABLE SITE STATUS

Hemangiosarcoma

[Hemangiosarcoma TGLS = 2-7.1]

PRIMARY CAUSE OF DEATH - Uterus Hemangiosarcoma

Animal Note: COD...PROBABLE-HEMANGIOSARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 74 **TRT#:** 11 **SEX:** Female **DAY ON TEST:** 653
DOSE: 80 PPM **DISP:** Natural Death **HISTO:** 21060100074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Bone - Sternum	* Brain - Cerebellum
* Brain - Cerebrum	* Ear	* Esophagus	* Harderian Gland
* Lacrimal Gland	* Lung - Bronchus	* Nose	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Spinal Cord - Thoracic	* Stomach - Forestomach	* Stomach - Glandular	* Thyroid Gland
* Tongue			

MISSING

* Clitoral Gland	* Gallbladder	* Larynx	* Ovary
* Thymus	* Urinary Bladder	* Uterus	* Vagina
* Zymbal's Gland			

AUTO PRECLUDES DIAG.

* Eye	* Intestine Large - Cecum	* Intestine Large - Colon	* Intestine Large - Rectum
* Intestine Small - Duodenum	* Intestine Small - Ileum	* Intestine Small - Jejunum	* Lymph Node - Mesenteric
* Mammary Gland	* Pancreas	* Skin	* Trachea

OBSERVATIONS

* Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Diffuse, Mild
* Heart		Thrombosis	Focal, Moderate
* Kidney		Amyloid Deposition	Multifocal, Mild
		Glomerulosclerosis	Multifocal, Mild
* Liver	Hepatocyte	Hepatocellular Carcinoma	
		Hypertrophy	Diffuse, Moderate
		Necrosis	Multifocal, Moderate
		Pigmentation	Multifocal, Moderate
	[Hepatocellular Carcinoma TGLS = 1-2]		
* Lung		Congestion	Diffuse, Moderate
* Lymph Node	Mandibular	Depletion Lymphoid	Diffuse, Moderate
* Spleen		Amyloid Deposition	Multifocal, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 74

TRT#: 11

SEX: Female

DAY ON TEST: 653

DOSE: 80 PPM

DISP: Natural Death

HISTO: 21060100074

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: COD...PROBABLE-HEPATOCELLULAR CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 75

TRT#: 10

SEX: Female

DAY ON TEST: 654

DOSE: 50 PPM

DISP: Moribund

HISTO: 21060100075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone - Femur	Bone - Sternum	Bone Marrow	Brain - Cerebellum
Brain - Cerebrum	Ear	Harderian Gland	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Larynx	Lung - Bronchus
Mammary Gland	Peripheral Nerve	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Thyroid Gland	Tongue
Trachea			

MISSING

Clitoral Gland	Intestine Large - Colon	Parathyroid Gland	Pituitary Gland
Zymbal's Gland			

INSUFFICIENT TISSUE

Eye

OBSERVATIONS

Adrenal Gland		Lymphoma Malignant	
Blood Vessel	Aorta	Lymphoma Malignant	
Esophagus		Lymphoma Malignant	
Gallbladder		Lymphoma Malignant	
Heart		Lymphoma Malignant	
Intestine Large	Cecum	Lymphoma Malignant	
Intestine Small	Ileum	Lymphoma Malignant	
Kidney		Glomerulosclerosis	Multifocal, Mild
		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 5-2]	
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 4-8]	
		[Lymphoma Malignant TGLS = 1-5]	
Nose		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 75	TRT#: 10	SEX: Female	DAY ON TEST: 654
	DOSE: 50 PPM	DISP: Moribund	HISTO: 21060100075

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Lymphoma Malignant	
Pancreas		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-2]			
Stomach		Lymphoma Malignant	
Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-1]			
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Moderate
	Unilateral	Dilatation	Diffuse, Moderate
		Lymphoma Malignant	
[Cyst TGLS = 2-7]			
Vagina		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: COD...PROBABLE-LYMPHOMA MALIGNANT

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 76

TRT#: 7

SEX: Female

DAY ON TEST: 665

DOSE: 0 PPM

DISP: Moribund

HISTO: 21060100076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone Marrow	Brain - Cerebellum	Clitoral Gland
Ear	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Vagina

MISSING

Zymbal's Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Femur	Proliferation	Focal, Mild
	Sternum	Proliferation	Multifocal, Minimal
Brain	Cerebrum	Mineralization	Multifocal, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Necrosis	Multifocal, Moderate
Liver	Centrilobular	Necrosis	Multifocal, Moderate
	Centrilobular	Vacuolization Cytoplasmic	Moderate
	[Necrosis TGLS = 3-2]		
Lung		Inflammation	Subacute, Focal, Minimal
Lymph Node	Mesenteric	Pigmentation	Multifocal, Minimal
Mammary Gland	Duct	Dilatation	Multifocal, Moderate
Nose		Inflammation	Acute, Multifocal, Mild
Ovary		Cyst	Minimal
	[Cyst TGLS = 2-7]		
Spleen		Hematopoietic Cell Proliferation	Marked
Uterus	Endometrium	Cyst	Minimal
		Hemangioma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 76	TRT#: 7 DOSE: 0 PPM	SEX: Female DISP: Moribund	DAY ON TEST: 665 HISTO: 21060100076
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ORGAN AND ACCOUNTABLE SITE STATUS

	Hemangioma	
	Mineralization	Focal, Minimal

[Hemangioma TGLS = 1-7]

PRIMARY CAUSE OF DEATH - Uterus Hemangioma

Animal Note: COD...PROBABLE-UTERUS,HEMANGIOMA

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 79	TRT#: 7	SEX: Female	DAY ON TEST: 668
	DOSE: 0 PPM	DISP: Moribund	HISTO: 21060100079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Ear	Esophagus	Gallbladder
Harderian Gland	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lacrimal Gland	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Vagina	Zymbal's Gland		

MISSING

Clitoral Gland

INSUFFICIENT TISSUE

Eye

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Intestine Large	Cecum	Lymphoma Malignant	
Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2,5,6-2+2.1]		
Lymph Node	Mesenteric	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 4-8]		
	[Lymphoma Malignant TGLS = 3-8]		
Ovary	Bilateral	Pigmentation	Multifocal, Mild
Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 1-2]		
Thymus		Atrophy	Moderate
Uterus		Cyst	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 79

TRT#: 7

SEX: Female

DAY ON TEST: 668

DOSE: 0 PPM

DISP: Moribund

HISTO: 21060100079

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: COD...PROBABLE-LYMPHOMA MALIGNANT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 86	TRT#: 10	SEX: Female	DAY ON TEST: 698
	DOSE: 50 PPM	DISP: Natural Death	HISTO: 21060100086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Ear	Heart
Lung - Bronchus	Mammary Gland	Nose	Parathyroid Gland
Peripheral Nerve	Skeletal Muscle	Skin	Stomach - Forestomach
Tongue	Vagina	Zymbal's Gland	

MISSING

Gallbladder	Larynx	Pituitary Gland	
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AUTO PRECLUDES DIAG.

Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mesenteric
Pancreas	Spinal Cord - Thoracic	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Esophagus		Lymphoma Malignant	
Harderian Gland		Adenoma	
Kidney		Lymphoma Malignant	
Lacrimal Gland		Glomerulosclerosis	Multifocal, Moderate
Liver		Inflammation	Chronic, Focal, Mild
[Hepatocellular Adenoma TGLS = 3,4-2.1+2]		Lymphoma Malignant	
Lung		Hepatocellular Adenoma	
Lymph Node	Mandibular	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5]			
Ovary		Cyst	Moderate
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 86	TRT#: 10 DOSE: 50 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 698 HISTO: 21060100086
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-2]	Lymphoma Malignant	
Uterus [Cyst TGLS = 2-7]	Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

Animal Note: COD...PROBABLE-HEPATOCELLULAR ADENOMA

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 88	TRT#: 10	SEX: Female	DAY ON TEST: 692
	DOSE: 50 PPM	DISP: Natural Death	HISTO: 21060100088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Eye
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Peripheral Nerve	Salivary Glands	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tongue	Trachea	Vagina

MISSING

Clitoral Gland	Zymbal's Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Jejunum
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Harderian Gland		Inflammation	Chronic, Minimal
Heart		Degeneration	Multifocal, Mild
Kidney	Ventricl Lft	Thrombosis	Moderate
	Cortex, Renal Tubule	Glomerulosclerosis	Multifocal, Mild
		Hyperplasia	Multifocal, Moderate
Lacrimal Gland		Inflammation	Chronic, Multifocal, Mild
Liver	Hepatocyte	Cytoplasmic Alteration	Mild
		Apoptosis	Minimal
		Granuloma	Multifocal, Moderate
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphocytic, Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 88	TRT#: 10 DOSE: 50 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: 692 HISTO: 21060100088
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ORGAN AND ACCOUNTABLE SITE STATUS

		Necrosis	Multifocal, Moderate
		Pigmentation	Multifocal, Mild
[Hepatocellular Adenoma TGLS = 2-2] [Hepatocellular Carcinoma TGLS = 3-2.1]			
Mammary Gland	Inguinal	Adenocarcinoma	
[Adenocarcinoma TGLS = 1-11]			
Skin			
Note: TGL#1-NOTED GROSSLY AS SKIN WAS MAMMARY			
Spleen		Hyperplasia	Mild
Thymus		Hemorrhage	Multifocal, Mild
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Bilateral	Cyst	Multifocal, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: COD...PROBABLE-HEPATOCELLULAR CARCINOMA

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 89	TRT#: 11	SEX: Female	DAY ON TEST: 702
	DOSE: 80 PPM	DISP: Natural Death	HISTO: 21060100089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel - Aorta	* Bone - Femur	* Brain - Cerebellum	* Brain - Cerebrum
* Ear	* Esophagus	* Harderian Gland	* Heart
* Lacrimal Gland	* Larynx	* Lung - Bronchus	* Lymph Node - Mandibular
* Lymph Node - Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Skeletal Muscle	* Skin
* Spinal Cord - Thoracic	* Stomach - Forestomach	* Stomach - Glandular	* Thyroid Gland
* Tongue	* Trachea	* Vagina	* Zymbal's Gland

MISSING

* Gallbladder	* Thymus
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AUTO PRECLUDES DIAG.

* Eye	* Intestine Large - Cecum	* Intestine Large - Colon	* Intestine Large - Rectum
* Intestine Small - Duodenum	* Intestine Small - Ileum	* Intestine Small - Jejunum	* Pancreas

OBSERVATIONS

* Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
* Bone	Sternum	Proliferation	Focal, Mild
* Bone Marrow		Hyperplasia	Diffuse, Mild
* Clitoral Gland		Cyst	Multifocal, Moderate
* Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Chronic, Multifocal, Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-2]		
* Lung		Inflammation	Chronic, Multifocal, Mild
* Ovary		Pigmentation	Multifocal, Mild
	Note: ONLY ONE		
* Salivary Glands		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder		Inflammation	Chronic, Minimal
* Uterus	Unilateral	Cyst	Focal, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 89

TRT#: 11

SEX: Female

DAY ON TEST: 702

DOSE: 80 PPM

DISP: Natural Death

HISTO: 21060100089

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: COD...PROBABLE-HEPATOCELLULAR CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 90

TRT#: 11

SEX: Female

DAY ON TEST: 713

DOSE: 80 PPM

DISP: Moribund

HISTO: 21060100090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Thyroid Gland	Tongue	Trachea
Vagina	Zymbal's Gland		

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Femur	Proliferation	Multifocal, Mild
	Sternum	Proliferation	Focal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Clitoral Gland		Cyst	Multifocal, Moderate
Kidney		Glomerulosclerosis	Multifocal, Moderate
		Inflammation	Chronic, Multifocal, Minimal
Liver		Hepatocellular Adenoma	
		Necrosis	Multifocal, Marked
		Pigmentation	Multifocal, Mild
Note: ADENOMA MEDIAN/RIGHT/LEFT			
[Hepatocellular Adenoma TGLS = 3,4,5-2+2.1]			
Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Glandular	Mineralization	Focal, Minimal
Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 90	TRT#: 11	SEX: Female	DAY ON TEST: 713
	DOSE: 80 PPM	DISP: Moribund	HISTO: 21060100090

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Unilateral	Cyst	Multifocal, Marked
[Cyst TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

Animal Note: COD...PROBABLE-HEPATOCELLULAR ADENOMA

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 91

TRT#: 11

SEX: Female

DAY ON TEST: 711

DOSE: 80 PPM

DISP: Moribund

HISTO: 21060100091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta

Bone - Femur

Bone - Sternum

Brain - Cerebellum

Brain - Cerebrum

Clitoral Gland

Ear

Esophagus

Eye

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Lung - Bronchus

Mammary Gland

Nose

Pancreas

Parathyroid Gland

Peripheral Nerve

Pituitary Gland

Skeletal Muscle

Skin

Spinal Cord - Thoracic

Stomach - Forestomach

Thyroid Gland

Trachea

Vagina

MISSING

Larynx

Lymph Node - Mandibular

Thymus

Zymbal's Gland

INSUFFICIENT TISSUE

Tongue

OBSERVATIONS

Adrenal Gland

Bilateral, Cortex, Spindle Cell
Bilateral

Hyperplasia

Mild

Pigmentation

Multifocal, Mild

Bone Marrow

Hyperplasia

Diffuse, Moderate

Harderian Gland

Inflammation

Chronic, Minimal

Kidney

Lymphoma Malignant

[Lymphoma Malignant TGLS = 1,2-2]

Lacrimal Gland

Necrosis

Multifocal, Mild

Liver

Hemorrhage

Multifocal, Moderate

Hepatocellular Adenoma

Hepatocellular Carcinoma

Hepatocyte

Hypertrophy

Diffuse, Mild

Necrosis

Multifocal, Mild

Pigmentation

Multifocal, Mild

Vacuolization Cytoplasmic

Multifocal, Mild

[Hepatocellular Adenoma TGLS = 6,7-2.1 + 2.2]

[Hepatocellular Carcinoma TGLS = 4,5-2]

Lymph Node

Mesenteric

Pigmentation

Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 91	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Moribund	DAY ON TEST: 711 HISTO: 21060100091
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ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [Necrosis TGLS = 3-11]		Necrosis	Focal, Moderate
Ovary		Lymphoma Malignant Pigmentation	Multifocal, Mild
Note: ONLY ONE			
Salivary Glands		Lymphoma Malignant	
Spleen		Hematopoietic Cell Proliferation	Marked
Stomach	Glandular	Necrosis	Focal, Moderate
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

Animal Note: COD...PROBABLE-HEPATACELLULAR CARCINOMA

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 92	TRT#: 9	SEX: Female	DAY ON TEST: 718
	DOSE: 15 PPM	DISP: Moribund	HISTO: 21060100092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Brain - Cerebrum
Ear	Esophagus	Eye	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Liver	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Vagina	Zymbal's Gland

MISSING

Clitoral Gland	Lacrimal Gland	Ovary	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Harderian Gland		Inflammation	Chronic, Minimal
Kidney		Glomerulosclerosis	Multifocal, Minimal
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Bilateral	Dilatation	Diffuse, Marked

[Dilatation TGLS = 1-7]

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: COD...UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 127

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Sternum	Brain - Cerebellum	Brain - Cerebrum
Ear	Esophagus	Eye	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lacrimal Gland	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Tongue
Trachea	Urinary Bladder	Vagina	

MISSING

Pituitary Gland	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Femur	Proliferation	Focal, Minimal
Bone Marrow		Pigmentation	Multifocal, Minimal
Clitoral Gland	Bilateral	Cyst	Multifocal, Mild
Harderian Gland		Inflammation	Subacute, Minimal
Liver		Ectasia	Focal, Moderate
		Eosinophilic Focus	
		Fatty Change	Focal, Mild
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Moderate
		Mixed Cell Focus	
		Necrosis	Multifocal, Moderate
		Pigmentation	Multifocal, Minimal

Note: TGL #1-noted GROSSLY AS ABDONIMAL CAVITY WAS LIVER

[Eosinophilic Focus TGLS = 3-2]

[Fatty Change TGLS = 5-2]

[Hepatocellular Adenoma TGLS = 1,4-2.1+11]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 127	TRT#: 11	SEX: Female	DAY ON TEST: 729
	DOSE: 80 PPM	DISP: Terminal Sacrifice	HISTO: 21060100127

ORGAN AND ACCOUNTABLE SITE STATUS

[Mixed Cell Focus TGLS = 2-2.2]

Thyroid Gland		Cyst	Minimal
Tissue NOS			
Note: TGL#1-NOTED GROSSLY AS ABDOMINAL CAVITY WAS LIVER			
Note: TGL#1 - NOTED GROSSLY AS ABDOMINAL CAVITY WAS LIVER			
Uterus	Bilateral	Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 128

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Ear	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Larynx
Lung - Bronchus	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Peripheral Nerve	Salivary Glands	Skeletal Muscle
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Zymbal's Gland			

MISSING

Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland	Vagina
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Clitoral Gland		Cyst	Multifocal, Mild
Lacrimal Gland		Inflammation	Chronic, Multifocal, Mild
Liver		Fatty Change	Focal, Moderate
		Hepatocellular Adenoma	
[Fatty Change TGLS = 3,4-2]			
[Hepatocellular Adenoma TGLS = 5-2.1]			
Ovary	Bilateral	Pigmentation	Multifocal, Mild
Skin	Vulva	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 2-11]			
Spleen			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Unilateral	Cyst	Focal, Moderate
[Cyst TGLS = 6-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 129 **TRT#:** 11 **SEX:** Female **DAY ON TEST:** 729
DOSE: 80 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Ear
Esophagus	Eye	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung - Bronchus	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Vagina
Zymbal's Gland			

MISSING

Intestine Small - Duodenum Larynx

INSUFFICIENT TISSUE

Gallbladder Lacrimal Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney	Cortex, Renal Tubule	Hyperplasia	Focal, Minimal
Liver		Granuloma	Multifocal, Moderate
	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Moderate
		Necrosis	Multifocal, Moderate
		Pigmentation	Multifocal, Moderate
		Vacuolization Cytoplasmic	Multifocal, Mild
Note: TGL#4-NOTED GROSSLY AS ABDOMINAL CAVITY WAS LIVER			
[Hepatocellular Adenoma TGLS = 2,4-2 + 11]			
[Hypertrophy TGLS = 3-2]			
Lung		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Moderate
Spleen		Congestion	Multifocal, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 129

TRT#: 11
DOSE: 80 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100129

ORGAN AND ACCOUNTABLE SITE STATUS

[Congestion TGLS = 1-2]

Urinary Bladder

Uterus

Bilateral

Inflammation

Cyst

Chronic, Minimal

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 130

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Ear	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Skin	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tongue
Trachea	Vagina	Zymbal's Gland	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell Unilateral	Hyperplasia Pigmentation Inflammation Inflammation Eosinophilic Focus Granuloma Hepatocellular Adenoma Hypertrophy Mixed Cell Focus Necrosis Pigmentation Vacuolization Cytoplasmic	Moderate Focal, Minimal Subacute, Multifocal, Mild Subacute, Focal, Mild Multifocal, Moderate Diffuse, Moderate Multifocal, Moderate Multifocal, Moderate Multifocal, Moderate
Kidney			
Lacrimal Gland			
Liver	Hepatocyte		
	[Eosinophilic Focus TGLS = 2,3-2] [Hepatocellular Adenoma TGLS = 4-2.1]		
Lung		Inflammation	Subacute, Multifocal, Mild
Ovary		Cyst	Moderate
Salivary Glands		Inflammation	Subacute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 130

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100130

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle

Inflammation

Subacute, Focal, Minimal

Urinary Bladder

Inflammation

Subacute, Minimal

Uterus

Bilateral

Cyst

Multifocal, Moderate

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 131

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Ear	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lung - Bronchus	Nose	Pancreas
Peripheral Nerve	Pituitary Gland	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tongue
Trachea	Zymbal's Gland		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland		Amyloid Deposition	Multifocal, Moderate
	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Note: ONLY 1			
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Clitoral Gland		Lymphoma Malignant	
Esophagus		Lymphoma Malignant	
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Lymphoma Malignant	
Note: ONLY 1			
Lacrimal Gland		Lymphoma Malignant	
Liver		Granuloma	Multifocal, Moderate
	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Marked
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Minimal
[Hepatocellular Adenoma TGLS = 1,2,3-2 + 2.1]			
Lung		Lymphoma Malignant	
Lymph Node	Deep Cervical	Lymphoma Malignant	
	Mandibular	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 131	TRT#: 11	SEX: Female	DAY ON TEST: 729
	DOSE: 80 PPM	DISP: Terminal Sacrifice	HISTO: 21060100131

ORGAN AND ACCOUNTABLE SITE STATUS

Mesenteric		Lymphoma Malignant	
Renal		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-11]			
[Lymphoma Malignant TGLS = 7-5]			
[Lymphoma Malignant TGLS = 6-8]			
Mammary Gland		Lymphoma Malignant	
Ovary		Lymphoma Malignant	
	Bilateral	Pigmentation	Multifocal, Mild
Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-1]			
Urinary Bladder		Lymphoma Malignant	
Uterus	Endometrium	Cyst	Minimal
Vagina		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 132

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Sternum	Bone Marrow	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Ear	Esophagus
Eye	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lung - Bronchus	Nose
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Tongue
Trachea	Uterus	Zymbal's Gland	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Femur	Proliferation	Multifocal, Mild
Gallbladder		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2,5,6,7-2.1 + 2 + 2.2]			
Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-1]			
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Note: TGL IS ABDOMINAL LYMPH NODE			
[Lymphoma Malignant TGLS = 3-11]			
Ovary		Cyst	Mild
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-7]			
Pancreas		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 132	TRT#: 11	SEX: Female	DAY ON TEST: 729
	DOSE: 80 PPM	DISP: Terminal Sacrifice	HISTO: 21060100132

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-2]

Stomach	Glandular	Lymphoma Malignant	
Thyroid Gland		Cyst	Mild
Urinary Bladder		Lymphoma Malignant	
Vagina		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 133

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100133

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Lymphoma Malignant

[Lymphoma Malignant TGLS = 1-2]

Liver

Tension Lipidosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 134

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100134

ORGAN AND ACCOUNTABLE SITE STATUS

INSUFFICIENT TISSUE

Ovary

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Hyperplasia

Multifocal, Minimal

Inflammation

Chronic, Multifocal, Mild

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Liver

Ovary

Note: TGL # 02 - NO MICROSCOPIC CORRELATE

Uterus

Bilateral

Cyst

Multifocal, Marked

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 135

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100135

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Minimal

Liver

Eosinophilic Focus

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

[Eosinophilic Focus TGLS = 1-2]

Uterus

Bilateral

Cyst

Multifocal, Marked

[Cyst TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 136

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100136

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Mild

Liver

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 1-3]

Uterus

Bilateral

Dilatation

Diffuse, Moderate

[Dilatation TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 137

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver

Granuloma

Multifocal, Mild

Tension Lipidosis

Vacuolization Cytoplasmic

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 138

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver

Granuloma

Multifocal, Minimal

Uterus

Cyst

Multifocal, Moderate

Dilatation

Diffuse, Marked

[Dilatation TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 139

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Liver

OBSERVATIONS

Uterus

Cyst

Multifocal, Moderate

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 140

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver

Infiltration Cellular

Lymphocytic, Multifocal, Mild

Ovary

Cyst

Moderate

[Cyst TGLS = 1-3]

Uterus

Cyst

Multifocal, Moderate

Note: SEE SLIDE #3A

[Cyst TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 141

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone - Femur	Bone - Sternum	Bone Marrow	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Ear	Esophagus
Eye	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung - Bronchus	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Vagina	Zymbal's Gland		

MISSING

Blood Vessel - Aorta	Larynx
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Moderate
Harderian Gland		Adenoma	
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2.1]			
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Mammary Gland			
Note: SLIDE 7			
Ovary		Cyst	Marked
		Pigmentation	Multifocal, Mild
[Cyst TGLS = 2-7]			
Pancreas			
Note: SLIDE 8			
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 141	TRT#: 7 DOSE: 0 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 740 HISTO: 21060100141
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 3-2.2]

Stomach	Forestomach	Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Moderate
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 142

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Ear	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Lacrimal Gland
Liver	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Peripheral Nerve
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Vagina
Zymbal's Gland			

MISSING

Larynx	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Clitoral Gland		Inflammation	Subacute, Multifocal, Minimal
Lung		Inflammation	Multifocal, Mild
Nose		Inflammation	Subacute, Focal, Mild
Spleen		Hyperplasia	Mild
Urinary Bladder		Inflammation	Subacute, Mild
Uterus	Bilateral	Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:30

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 143

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta
Esophagus
Heart
Intestine Small - Duodenum
Lung - Bronchus
Pancreas
Skeletal Muscle
Stomach - Glandular
Vagina

Bone Marrow
Eye
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Parathyroid Gland
Skin
Thyroid Gland
Zymbal's Gland

Brain - Cerebellum
Gallbladder
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Peripheral Nerve
Spinal Cord - Thoracic
Tongue

Ear
Harderian Gland
Intestine Large - Rectum
Larynx
Ovary
Salivary Glands
Stomach - Forestomach
Trachea

MISSING

Clitoral Gland

Pituitary Gland

Thymus

OBSERVATIONS

Adrenal Gland
Bone

Brain
Kidney
Lacrimal Gland
Liver
Lung
Lymph Node

Bilateral, Cortex, Spindle Cell
Femur
Sternum
Cerebrum

Lumbar
Mandibular
Mesenteric

Hyperplasia
Proliferation
Proliferation
Mineralization
Inflammation
Lymphoma Malignant
Lymphoma Malignant
Lymphoma Malignant
Lymphoma Malignant
Lymphoma Malignant
Lymphoma Malignant

Mild
Focal, Mild
Multifocal, Moderate
Multifocal, Mild
Chronic, Multifocal, Minimal

[Lymphoma Malignant TGLS = 1-11]

Spleen
Urinary Bladder
Uterus

Lymphoma Malignant
Lymphoma Malignant
Cyst

Multifocal, Moderate

[Cyst TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 144 **TRT#:** 7 **SEX:** Female **DAY ON TEST:** 740
DOSE: 0 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone Marrow	Brain - Cerebellum	Brain - Cerebrum
Ear	Esophagus	Eye	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lacrimal Gland	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tongue	Trachea
Vagina			

MISSING

Thymus Zymbal's Gland

OBSERVATIONS

Adrenal Gland Note: ONLY 1	Cortex, Spindle Cell, Unilateral	Hyperplasia	Moderate
Bone	Femur Sternum	Proliferation Proliferation	Multifocal, Moderate Multifocal, Moderate
Clitoral Gland		Cyst Inflammation	Multifocal, Mild Chronic, Multifocal, Minimal
Harderian Gland		Adenoma Carcinoma Degeneration Inflammation Regeneration	Focal, Mild Chronic, Moderate Focal, Mild
Liver	Centrilobular	Infiltration Cellular Vacuolization Cytoplasmic	Lymphocytic, Multifocal, Minimal Minimal
Lung		Alveolar/Bronchiolar Adenoma Inflammation	Chronic, Focal, Mild
Lymph Node Mammary GI	Mesenteric	Pigmentation	Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 144

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100144

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SLIDE 7

Ovary

[Cyst TGLS = 1-7]

Urinary Bladder

Uterus

Cyst

Pigmentation

Inflammation

Cyst

Moderate

Multifocal, Minimal

Chronic, Mild

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 145

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Ear
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Peripheral Nerve	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Vagina	Zymbal's Gland		

MISSING

Larynx	Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Harderian Gland		Inflammation	Subacute, Minimal
Kidney		Inflammation	Subacute, Multifocal, Mild
Lacrimal Gland		Inflammation	Subacute, Focal, Minimal
Liver		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-2]			
Lung		Inflammation	Subacute, Multifocal, Minimal
Nose		Inflammation	Subacute, Multifocal, Mild
Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
Pancreas		Inflammation	Subacute, Focal, Minimal
Salivary Glands		Inflammation	Subacute, Mild
Spleen		Hyperplasia	Mild
Urinary Bladder		Inflammation	Subacute, Mild
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 145

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100145

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 146	TRT#: 7	SEX: Female	DAY ON TEST: 740
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone Marrow	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Eye
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Kidney	Lacrimal Gland	Larynx	Liver
Lung - Bronchus	Mammary Gland	Pancreas	Peripheral Nerve
Salivary Glands	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tongue
Urinary Bladder	Vagina		

MISSING

Clitoral Gland	Parathyroid Gland	Trachea	Zymbal's Gland
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland Note: ONLY ONE	Cortex, Spindle Cell, Unilateral	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Focal, Mild
Harderian Gland [Adenoma TGLS = 4-10]		Adenoma	
Kidney Note: ONLY 1 ON SLIDE			
Lymph Node [Lymphoma Malignant TGLS = 3-11]	Mesenteric Renal Mandibular	Lymphoma Malignant Lymphoma Malignant Pigmentation	Multifocal, Mild
Nose		Inflammation	Subacute, Multifocal, Mild
Ovary Note: ONLY ONE [Cyst TGLS = 1-7]		Cyst	Mild
Spleen		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 146	TRT#: 7 DOSE: 0 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 740 HISTO: 21060100146
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ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 147

TRT#: 7
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 21060100147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Ear	Esophagus
Eye	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lung - Bronchus	Mammary Gland
Ovary	Peripheral Nerve	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thymus
Tongue	Urinary Bladder	Uterus	Vagina
Zymbal's Gland			

MISSING

Parathyroid Gland	Pituitary Gland	Thyroid Gland	Trachea
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Clitoral Gland		Cyst	Multifocal, Moderate
Harderian Gland		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Basophilic Focus	
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Multifocal, Mild
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Nose		Lymphoma Malignant	
Pancreas		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	

Note: PRIMARY

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 147

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100147

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 148

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone Marrow	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Larynx	Lung - Bronchus
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Salivary Glands	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Vagina			

MISSING

Zymbal's Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Mild
Clitoral Gland		Cyst	Multifocal, Mild
Kidney	Cortex, Renal Tubule	Hypertrophy	Focal, Minimal
	Cortex, Renal Tubule	Regeneration	Focal, Minimal
Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Necrosis	Focal, Minimal
	[Hepatocellular Adenoma TGLS = 1-2]		
Lung		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mesenteric	Hyperplasia	Diffuse, Mild
Ovary		Cyst	Moderate
	Bilateral	Pigmentation	Multifocal, Mild
	[Cyst TGLS = 2-7]		
Spleen		Congestion	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 148

TRT#: 7
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 21060100148

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder		Hyperplasia	Mild
Uterus	Bilateral	Inflammation	Chronic, Mild
		Cyst	Multifocal, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 149	TRT#: 10	SEX: Female	DAY ON TEST: 729
	DOSE: 50 PPM	DISP: Terminal Sacrifice	HISTO: 21060100149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver		Granuloma	Multifocal, Moderate
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Mild
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
[Hepatocellular Adenoma TGLS = 1-2]			
Ovary		Cyst	Marked
	Right	Metaplasia	Squamous, Focal, Moderate
[Cyst TGLS = 3-3]			
[Metaplasia TGLS = 3-3]			
Uterus	Unilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 150

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100150

OBSERVATIONS

Kidney
Liver

Glomerulosclerosis
Basophilic Focus
Granuloma
Hepatocellular Adenoma
Infiltration Cellular
Necrosis
Pigmentation
Tension Lipidosis
Vacuolization Cytoplasmic

Multifocal, Mild
Multifocal, Moderate
Lymphocytic, Multifocal, Mild
Multifocal, Mild
Multifocal, Mild
Multifocal, Mild

[Hepatocellular Adenoma TGLS = 1-2]

Ovary

Cyst
Mineralization
Pigmentation

Moderate
Multifocal, Mild
Multifocal, Moderate

[Cyst TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 151

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 21060100151

OBSERVATIONS

Kidney
Liver

Inflammation
Granuloma
Hepatocellular Adenoma
Hepatocellular Carcinoma
Pigmentation

Chronic, Multifocal, Mild
Multifocal, Mild

Note: HEPATOCELLULAR CARCINOMA NOT ON RECUT 4/30/98

[Hepatocellular Carcinoma TGLS = 2-2.1]

Spleen

Hematopoietic Cell Proliferation
Hyperplasia

Mild
Marked

[Hematopoietic Cell Proliferation TGLS = 1-3]

[Hyperplasia TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 152

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100152

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
Liver		Hepatocellular Adenoma	
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Multifocal, Mild
	[Hepatocellular Adenoma TGLS = 3-2]		
Ovary		Cyst	Mild
	[Cyst TGLS = 2-3]		
Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 4-3]		
Uterus	Bilateral	Cyst	Multifocal, Marked
	[Cyst TGLS = 1-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 153

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 21060100153

OBSERVATIONS

Kidney		Glomerulosclerosis Inflammation	Multifocal, Mild Chronic, Multifocal, Mild
Liver		Hepatocellular Adenoma Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-2] [Hepatocellular Carcinoma TGLS = 3-2]			
Lymph Node	Mesenteric	Cyst	Diffuse, Marked
[Cyst TGLS = 6-3.2]			
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 1-3]			
Ovary		Cyst	Mild
[Cyst TGLS = 4-3.1]			
Spleen		Hematopoietic Cell Proliferation Hyperplasia	Moderate Mild
[Hyperplasia TGLS = 7-3.2]			
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 5-3.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 154

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100154

OBSERVATIONS

Kidney		Inflammation	Chronic, Focal, Minimal
Liver	Hepatocyte	Apoptosis	Minimal
	Hepatocyte	Granuloma	Minimal
		Hypertrophy	Diffuse, Moderate
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Necrosis	Multifocal, Minimal
		Pigmentation	Multifocal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Moderate
Uterus	Bilateral	Cyst	Multifocal, Moderate
		Dilatation	Diffuse, Marked

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 155

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100155

OBSERVATIONS

Kidney

Glomerulosclerosis
Hyperplasia

Multifocal, Mild
Multifocal, Mild

Liver

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Uterus

Bilateral

Cyst

Multifocal, Mild

Bilateral

Dilatation

Diffuse, Marked

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:30
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 156

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100156

OBSERVATIONS

Harderian Gland

[Adenoma TGLS = 3-3]

Adenoma

Kidney

Glomerulosclerosis

Multifocal, Mild

Lymphoma Malignant

Liver

Basophilic Focus

Lymphoma Malignant

Tension Lipidosis

Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 1-3]

Uterus

Unilateral

Cyst

Multifocal, Marked

[Cyst TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 157

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100157

OBSERVATIONS

Kidney
Liver

Inflammation
Infiltration Cellular

Chronic, Multifocal, Mild
Lymphocytic, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 158

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100158

OBSERVATIONS

Kidney
Liver

Inflammation
Granuloma
Infiltration Cellular
Lymphoma Malignant
Lymphoma Malignant

Chronic, Multifocal, Minimal
Multifocal, Minimal
Lymphocytic, Multifocal, Minimal

Spleen
[Lymphoma Malignant TGLS = 1-3]

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 159

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Glomerulosclerosis
Hyperplasia
Lymphoma Malignant
Lymphoma Malignant

Multifocal, Mild
Multifocal, Minimal

Spleen

[Lymphoma Malignant TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 160

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100160

OBSERVATIONS

Kidney
Liver

Hyperplasia
Infiltration Cellular

Multifocal, Mild
Lymphocytic, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 161	TRT#: 9 DOSE: 15 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100161
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
		Hyperplasia	Multifocal, Mild
Ovary		Cyst	Marked
	Right	Thrombosis	Focal, Marked
[Cyst TGLS = 1-3]			
Uterus	Bilateral	Dilatation	Diffuse, Marked
[Dilatation TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:31

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 181

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Vagina	Zymbal's Gland

MISSING

Larynx

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Mild
Clitoral Gland		Cyst	Multifocal, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
Liver		Granuloma	Multifocal, Moderate
	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Marked
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
[Hepatocellular Adenoma TGLS = 1-2]			
[Hypertrophy TGLS = 2,3,4-2+2.1+2.2]			
Uterus	Bilateral	Cyst	Multifocal, Marked
[Cyst TGLS = 5,6-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 181

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100181

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04

Test Type: CHRONIC

Route: DOSED FEED

Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1

CAS Number: 116355-83-0

Date Report Requested: 10/19/2014

Time Report Requested: 01:42:31

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 182

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebrum	Ear	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Larynx	Lung - Bronchus
Pancreas	Parathyroid Gland	Peripheral Nerve	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Vagina	Zymbal's Gland		

MISSING

Brain - Cerebellum	Clitoral Gland	Pituitary Gland	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Femur	Proliferation	Multifocal, Mild
	Sternum	Proliferation	Multifocal, Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Intestine Large	Cecum	Lymphoma Malignant	
Kidney		Cyst	Minimal
		Lymphoma Malignant	
Liver	Hepatocyte	Apoptosis	Moderate
	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Marked
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Multifocal, Moderate
	[Hepatocellular Adenoma TGLS = 3-2.1]		
	[Hypertrophy TGLS = 1,2-2]		
	[Necrosis TGLS = 2-2]		
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 182	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100182
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ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Lymphoma Malignant	
Nose		Lymphoma Malignant	
		Proliferation	Focal, Mild
Ovary		Cyst	Mild
		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
Uterus	Bilateral	Cyst	Multifocal, Mild
[Cyst TGLS = 5-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 183

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100183

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Chronic, Multifocal, Mild
Liver		Infiltration Cellular	Lymphocytic, Multifocal, Mild
Uterus	Bilateral	Cyst	Multifocal, Marked
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 184

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100184

OBSERVATIONS

Kidney
Liver
Uterus

Bilateral

Lymphoma Malignant
Granuloma
Cyst
Hemorrhage
Thrombosis

Multifocal, Minimal
Multifocal, Marked
Multifocal, Moderate
Multifocal, Mild

[Cyst TGLS = 1,2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 185

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100185

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Liver

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Ovary

Cyst

Mild

[Cyst TGLS = 1-3]

Uterus

Cyst

Multifocal, Marked

[Cyst TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 186 **TRT#:** 7 **SEX:** Female **DAY ON TEST:** 740
DOSE: 0 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Clitoral Gland
Ear	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus
Mammary Gland	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Vagina
Zymbal's Gland			

MISSING

Larynx

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Intestine Small	Duodenum	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
Kidney		Glomerulosclerosis	Multifocal, Mild
Lacrimal Gland		Lymphoma Malignant	
Liver		Lymphoma Malignant	
		Granuloma	Multifocal, Minimal
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Nose		Inflammation	Subacute, Multifocal, Mild
Ovary		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 186	TRT#: 7	SEX: Female	DAY ON TEST: 740
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100186

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus [Cyst TGLS = 1-7]	Bilateral	Cyst	Multifocal, Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 187

TRT#: 7
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 21060100187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Clitoral Gland	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tongue	Trachea
Vagina	Zymbal's Gland		

MISSING

Larynx Thymus

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Inflammation	Subacute, Focal, Minimal
Liver		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Tension Lipidosis	
		Vacuolization Cytoplasmic	Multifocal, Minimal
Lung		Inflammation	Subacute, Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Subacute, Multifocal, Mild
Ovary		Cyst	Mild
Pancreas		Inflammation	Subacute, Multifocal, Minimal
Salivary Glands		Inflammation	Subacute, Mild
Spleen		Hyperplasia	Mild
Urinary Bladder		Inflammation	Subacute, Mild
Uterus	Bilateral	Cyst	Multifocal, Moderate

[Cyst TGLS = 1-7]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 187

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100187

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 188

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Ear	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Vagina	Zymbal's Gland

MISSING

Clitoral Gland	Larynx
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Femur	Proliferation	Multifocal, Mild
	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Brain	Cerebrum	Cyst Epithelial Inclusion	Moderate
	Cerebrum	Mineralization	Focal, Mild
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Lymphoma Malignant	
<p>Note: TGL # 01 - NO MICROSCOPIC CORRELATE [Hepatocellular Adenoma TGLS = 2-2.1]</p>			
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Pigmentation	Multifocal, Mild
Ovary	Bilateral	Pigmentation	Multifocal, Mild
Pancreas		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 188	TRT#: 7 DOSE: 0 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 740 HISTO: 21060100188
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ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Marked
[Cyst TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 189

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100189

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Minimal
Liver	Hepatocyte	Apoptosis	Minimal
		Basophilic Focus	
		Eosinophilic Focus	
	Hepatocyte	Granuloma	Multifocal, Mild
		Hypertrophy	Diffuse, Mild
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
Uterus		Cyst	Multifocal, Moderate
	[Cyst TGLS = 1-3]		

PRIMARY CAUSE OF DEATH -

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 190	TRT#: 10	SEX: Female	DAY ON TEST: 729
	DOSE: 50 PPM	DISP: Terminal Sacrifice	HISTO: 21060100190

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Ovary

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Chronic, Focal, Mild
Liver	Hepatocyte	Apoptosis	Mild
		Granuloma	Multifocal, Mild
	Hepatocyte	Hypertrophy	Diffuse, Mild
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Necrosis	Multifocal, Mild
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
Ovary			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 2-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 191

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100191

OBSERVATIONS

Kidney		Inflammation	Chronic, Focal, Mild
Liver	Hepatocyte	Apoptosis	Minimal
		Granuloma	Multifocal, Mild
	Hepatocyte	Hypertrophy	Diffuse, Minimal
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Tension Lipidosis	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 192

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100192

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Chronic, Focal, Mild
Liver		Granuloma	Multifocal, Moderate
	Hepatocyte	Hypertrophy	Diffuse, Mild
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
Ovary		Cyst	Minimal
Note: ON SLIDE 7 ALSO [Cyst TGLS = 2-3]			
Uterus	Bilateral	Cyst	Multifocal, Marked
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 193

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Mild
Chronic, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 194	TRT#: 9 DOSE: 15 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100194
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 195	TRT#: 9 DOSE: 15 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100195
OBSERVATIONS			
Kidney		Inflammation	Chronic, Multifocal, Mild
Liver		Infiltration Cellular	Lymphocytic, Focal, Minimal
	Centrilobular	Vacuolization Cytoplasmic	Minimal
Uterus	Unilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-3]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 196

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100196

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Mild

Liver

Granuloma

Multifocal, Minimal

Ovary

Cyst

Mild

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 197 **TRT#:** 7 **SEX:** Female **DAY ON TEST:** 713
DOSE: 0 PPM **DISP:** Moribund **HISTO:** 21060100197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Eye
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tongue
Zymbal's Gland			

MISSING

Pituitary Gland	Thymus	Trachea
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OBSERVATIONS

Adrenal Gland Note: ONLY 1	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone Marrow		Histiocytic Sarcoma	
Clitoral Gland		Cyst	Multifocal, Mild
Harderian Gland		Histiocytic Sarcoma	
Kidney		Glomerulosclerosis	Multifocal, Moderate
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-2]			
Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-2]			
Lung		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Histiocytic Sarcoma	
Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Histiocytic Sarcoma	
		Hyperplasia	Erythrocyte, Multifocal, Moderate
Urinary Bladder		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 197

TRT#: 7

SEX: Female

DAY ON TEST: 713

DOSE: 0 PPM

DISP: Moribund

HISTO: 21060100197

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Cyst

Multifocal, Mild

[Histiocytic Sarcoma TGLS = 2-7]

Histiocytic Sarcoma

Vagina

Histiocytic Sarcoma

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: COD...PROBABLE-HISTIOCYTIC SARCOMA

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 217

TRT#: 11

SEX: Female

DAY ON TEST: 730

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Ear	Esophagus	Eye	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Lung - Bronchus	Mammary Gland	Nose	Parathyroid Gland
Peripheral Nerve	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tongue
Trachea	Vagina	Zymbal's Gland	

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Femur	Lymphoma Malignant	
	Sternum	Proliferation	Focal, Mild
Bone Marrow		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver	Hepatocyte	Apoptosis	Moderate
		Granuloma	Multifocal, Marked
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Moderate
		Lymphoma Malignant	
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Moderate
		Vacuolization Cytoplasmic	Focal, Moderate

[Hepatocellular Adenoma TGLS = 2,3,5-2+2.2]
 [Hypertrophy TGLS = 4-2.1]
 [Lymphoma Malignant TGLS = 3-2]
 [Pigmentation TGLS = 3-2]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 217	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 21060100217
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ORGAN AND ACCOUNTABLE SITE STATUS

Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Ovary		Cyst	Mild
Pancreas		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
Thymus		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 218

TRT#: 11

SEX: Female

DAY ON TEST: 730

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Ear
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lung - Bronchus	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tongue	Trachea
Vagina	Zymbal's Gland		

MISSING

Intestine Large - Rectum	Thymus
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Femur	Proliferation	Focal, Mild
	Sternum	Proliferation	Focal, Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Clitoral Gland		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
Kidney		Glomerulosclerosis	Multifocal, Mild
		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver	Hepatocyte	Apoptosis	Moderate
		Basophilic Focus	
		Granuloma	Multifocal, Moderate
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Moderate
		Lymphoma Malignant	
		Mixed Cell Focus	
		Pigmentation	Multifocal, Minimal

[Basophilic Focus TGLS = 2,3-2+2.1]

[Hepatocellular Adenoma TGLS = 1-2]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 218	TRT#: 11	SEX: Female	DAY ON TEST: 730
	DOSE: 80 PPM	DISP: Terminal Sacrifice	HISTO: 21060100218

ORGAN AND ACCOUNTABLE SITE STATUS

Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
Mammary Gland		Lymphoma Malignant	
Nose		Lymphoma Malignant	
Ovary		Cyst	Mild
		Lymphoma Malignant	
Note: ONLY 1 OVARY [Cyst TGLS = 5-7]			
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 219

TRT#: 11

SEX: Female

DAY ON TEST: 730

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Vagina

MISSING

Intestine Large - Rectum	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney		Glomerulosclerosis	Multifocal, Minimal
Liver	Hepatocyte	Apoptosis	Mild
		Granuloma	Multifocal, Moderate
	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Moderate
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
[Hepatocellular Adenoma TGLS = 1,2,3,4-2+2.1+2.2]			
Mammary Gland			
Note: SLIDE 7			
Nose	Olfactory Epi	Cytoplasmic Alteration	Mild
Ovary			
Note: ONLY 1			
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Moderate
Uterus	Bilateral	Dilatation	Diffuse, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 219

TRT#: 11

SEX: Female

DAY ON TEST: 730

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100219

ORGAN AND ACCOUNTABLE SITE STATUS

Sarcoma Stromal

[Sarcoma Stromal TGLS = 5-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 220

TRT#: 7

SEX: Female

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Brain - Cerebrum
Ear	Esophagus	Eye	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Lung - Bronchus	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Vagina			

MISSING

Thymus	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Clitoral Gland		Cyst	Multifocal, Mild
Harderian Gland		Inflammation	Chronic, Mild
Heart		Cardiomyopathy	Multifocal, Minimal
Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Chronic, Focal, Mild
Liver		Hemangiosarcoma	
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
[Hemangiosarcoma TGLS = 1-2.1]			
Lymph Node	Mandibular	Hyperplasia	Moderate
	Mesenteric	Hyperplasia	Moderate
Ovary		Cyst	Mild
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Moderate
Uterus	Bilateral	Cyst	Multifocal, Mild
		Leiomyoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 220

TRT#: 7

SEX: Female

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100220

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-7]

[Leiomyoma TGLS = 3-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 221

TRT#: 7

SEX: Female

DAY ON TEST: 741

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Bone Marrow
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Lung - Bronchus	Nose	Pancreas	Pituitary Gland
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Thyroid Gland
Tongue	Vagina		

MISSING

Parathyroid Gland	Peripheral Nerve	Thymus	Trachea
Zymbal's Gland			

AUTO PRECLUDES DIAG.

Stomach - Forestomach	Stomach - Glandular
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INSUFFICIENT TISSUE

Urinary Bladder

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Inflammation	Chronic, Focal, Mild
Lacrimal Gland		Lymphoma Malignant	
Liver		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Pigmentation	Mild
Mammary Gland		Lymphoma Malignant	
Ovary		Cyst	Marked
	Bilateral	Pigmentation	Multifocal, Mild
[Cyst TGLS = 1-7]			
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 221	TRT#: 7	SEX: Female	DAY ON TEST: 741
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100221

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus [Cyst TGLS = 2-7]	Bilateral	Cyst	Multifocal, Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 222

TRT#: 7
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 741
HISTO: 21060100222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta
Clitoral Gland
Gallbladder
Intestine Large - Rectum
Larynx
Pancreas
Salivary Glands
Stomach - Forestomach
Trachea

Bone - Femur
Ear
Heart
Intestine Small - Duodenum
Lung - Bronchus
Parathyroid Gland
Skeletal Muscle
Stomach - Glandular
Zymbal's Gland

Brain - Cerebellum
Esophagus
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Peripheral Nerve
Skin
Thyroid Gland

Brain - Cerebrum
Eye
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Pituitary Gland
Spinal Cord - Thoracic
Tongue

OBSERVATIONS

Adrenal Gland
Bone
Bone Marrow
Harderian Gland
Kidney

Lacrimal Gland
Liver

Lung
Lymph Node

Bilateral, Cortex, Spindle Cell
Sternum

Lumbar
Mandibular
Mesenteric

Hyperplasia
Proliferation
Hyperplasia
Lymphoma Malignant
Glomerulosclerosis
Lymphoma Malignant
Lymphoma Malignant
Infiltration Cellular
Lymphoma Malignant
Lymphoma Malignant
Lymphoma Malignant
Lymphoma Malignant
Lymphoma Malignant
Lymphoma Malignant

Moderate
Multifocal, Mild
Diffuse, Moderate

Multifocal, Minimal

Lymphocytic, Multifocal, Mild

[Lymphoma Malignant TGLS = 5-8]
[Lymphoma Malignant TGLS = 4-11]
Ovary
[Cyst TGLS = 3-7]
Spleen
[Lymphoma Malignant TGLS = 1-2]
Thymus

Cyst

Lymphoma Malignant

Lymphoma Malignant

Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 222	TRT#: 7 DOSE: 0 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO: 21060100222
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ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 6-1] Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 2-7] Vagina		Histiocytic Sarcoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 223

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100223

OBSERVATIONS

Adrenal Gland
[Histiocytic Sarcoma TGLS = 1-3]

Histiocytic Sarcoma

Kidney

Glomerulosclerosis

Multifocal, Mild

Liver

Histiocytic Sarcoma

Lymph Node
[Histiocytic Sarcoma TGLS = 3-3]

Mesenteric

Histiocytic Sarcoma

Spleen
[Histiocytic Sarcoma TGLS = 2-3]

Histiocytic Sarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 224

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100224

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
Liver		Lymphoma Malignant	
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3]		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3]			
Uterus	Bilateral	Cyst	Multifocal, Marked
[Cyst TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 225	TRT#: 9 DOSE: 15 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 21060100225
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
Ovary		Cyst	Moderate
[Cyst TGLS = 1-3]			
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 226

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 227

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Ovary

OBSERVATIONS

Kidney

Inflammation

Subacute, Multifocal, Minimal

Liver

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Tension Lipidosis

Ovary

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Uterus

Bilateral

Cyst

Multifocal, Mild

[Cyst TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 228

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100228

OBSERVATIONS

Kidney
Liver

Glomerulosclerosis
Hepatocellular Adenoma
Infiltration Cellular

Multifocal, Mild
Lymphocytic, Multifocal, Mild

[Hepatocellular Adenoma TGLS = 1-2]

Ovary

Cyst

Moderate

[Cyst TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 229

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100229

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Liver

Inflammation

Subacute, Multifocal, Minimal

Uterus

Bilateral

Vacuolization Cytoplasmic

Multifocal, Minimal

Dilatation

Diffuse, Marked

[Dilatation TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 230

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100230

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Inflammation

Chronic, Multifocal, Mild

Liver

Granuloma

Multifocal, Moderate

Hepatocellular Adenoma

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Necrosis

Multifocal, Mild

Pigmentation

Multifocal, Mild

Tension Lipidosis

[Hepatocellular Adenoma TGLS = 1-2.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 231

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100231

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Mild
Liver	Hepatocyte	Apoptosis	Minimal
		Granuloma	Multifocal, Moderate
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
[Hepatocellular Adenoma TGLS = 3-2.1]			
Ovary		Cyst	Moderate
[Cyst TGLS = 2-3]			
Uterus	Bilateral	Cyst	Multifocal, Marked
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 232

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100232

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Inflammation

Subacute, Multifocal, Minimal

Liver

Granuloma

Multifocal, Moderate

Hepatocellular Adenoma

Hepatocellular Carcinoma

Hepatocyte

Hypertrophy

Diffuse, Mild

Infiltration Cellular

Lymphocytic, Multifocal, Mild

Necrosis

Multifocal, Mild

Pigmentation

Multifocal, Mild

[Hepatocellular Adenoma TGLS = 1,2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 233

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 21060100233

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Inflammation

Subacute, Multifocal, Minimal

Liver

Granuloma

Multifocal, Moderate

Hepatocellular Adenoma

Hepatocellular Carcinoma

Hepatocyte

Hypertrophy

Diffuse, Mild

Infiltration Cellular

Lymphocytic, Multifocal, Mild

Necrosis

Multifocal, Mild

Pigmentation

Multifocal, Minimal

[Hepatocellular Adenoma TGLS = 1,3-2 + 2.1]

[Hepatocellular Carcinoma TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 266

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone Marrow	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Ear	Esophagus
Eye	Gallbladder	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Vagina	

MISSING

Lacrimal Gland	Larynx	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Mild
Ear			
Note: SLIDE 5			
Kidney		Glomerulosclerosis	Multifocal, Mild
Liver	Hepatocyte	Apoptosis	Mild
		Granuloma	Multifocal, Moderate
	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Moderate
		Necrosis	Multifocal, Moderate
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Multifocal, Moderate
[Hepatocellular Adenoma TGLS = 1,2-2.1 + 2]			
[Hypertrophy TGLS = 3-2]			
Mammary Gland			
Note: SLIDE 9			
Ovary		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 266	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100266
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen [Hematopoietic Cell Proliferation TGLS = 4-2]	Bilateral	Pigmentation Hematopoietic Cell Proliferation	Multifocal, Mild Moderate
Uterus	Endometrium	Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 267 **TRT#:** 11 **SEX:** Female **DAY ON TEST:** 729
DOSE: 80 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Ear	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung - Bronchus	Mammary Gland	Parathyroid Gland	Peripheral Nerve
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thymus	Tongue	Vagina
Zymbal's Gland			

MISSING

Adrenal Gland	Larynx
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone	Femur	Proliferation	Multifocal, Moderate
	Sternum	Proliferation	Multifocal, Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver	Hepatocyte	Granuloma	Multifocal, Mild
		Hypertrophy	Diffuse, Moderate
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Moderate
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Nose		Lymphoma Malignant	
Ovary		Lymphoma Malignant	
Pancreas		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 267	TRT#: 11	SEX: Female	DAY ON TEST: 729
	DOSE: 80 PPM	DISP: Terminal Sacrifice	HISTO: 21060100267

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 2-2]			
Thyroid Gland		Cyst	Mild
Trachea		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 268

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Brain - Cerebrum
Ear	Esophagus	Eye	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Larynx	Lung - Bronchus
Mammary Gland	Nose	Pancreas	Peripheral Nerve
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Tongue	Trachea	Urinary Bladder
Vagina	Zymbal's Gland		

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
	Bilateral, Medulla	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Clitoral Gland		Cyst	Multifocal, Mild
Harderian Gland		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Hyperplasia	Mild
Kidney		Inflammation	Chronic, Mild
Lacrimal Gland		Inflammation	Chronic, Mild
Liver	Hepatocyte	Apoptosis	Mild
		Granuloma	Multifocal, Mild
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Moderate
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Multifocal, Moderate

[Hepatocellular Adenoma TGLS = 2-2]

[Hypertrophy TGLS = 1,3-2+2.1]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 268	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100268
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ORGAN AND ACCOUNTABLE SITE STATUS

Lung		Inflammation	Chronic, Mild
Lymph Node	Mandibular	Hyperplasia	Moderate
	Mesenteric	Hyperplasia	Moderate
Ovary	Bilateral	Pigmentation	Multifocal, Mild
Thyroid Gland		Adenoma	
Uterus	Unilateral	Dilatation	Diffuse, Moderate
[Dilatation TGLS = 4-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 269

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Ear	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Salivary Glands	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Vagina	Zymbal's Gland		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell Bilateral	Hyperplasia Pigmentation	Mild Multifocal, Minimal
Bone Marrow		Hyperplasia	Diffuse, Moderate
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Clitoral Gland		Cyst	Multifocal, Mild
Ear			
Note: ONLY 1			
Kidney		Glomerulosclerosis	Multifocal, Mild
Liver	Hepatocyte	Apoptosis Basophilic Focus Granuloma Hepatocellular Adenoma	Mild Multifocal, Mild
	Hepatocyte	Hypertrophy Necrosis Pigmentation Vacuolization Cytoplasmic	Diffuse, Moderate Multifocal, Mild Multifocal, Mild Multifocal, Mild

[Hypertrophy TGLS = 2,3,4,5-2.1+2]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 269	TRT#: 11	SEX: Female	DAY ON TEST: 729
	DOSE: 80 PPM	DISP: Terminal Sacrifice	HISTO: 21060100269

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary	Bilateral	Pigmentation	Multifocal, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-2]			
Thymus		Cyst	Mild
Uterus	Bilateral	Cyst	Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 270

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Ear	Esophagus	Eye	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Glandular	Thymus	Tongue	Trachea
Vagina	Zymbal's Gland		

MISSING

Gallbladder

INSUFFICIENT TISSUE

Stomach - Forestomach Urinary Bladder

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Femur	Proliferation	Focal, Mild
	Sternum	Proliferation	Focal, Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Kidney		Glomerulosclerosis	Multifocal, Mild
Liver	Hepatocyte	Apoptosis	Mild
	Hepatocyte	Granuloma	Multifocal, Mild
		Hypertrophy	Diffuse, Moderate
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Multifocal, Mild

[Hypertrophy TGLS = 3,4,5,6-2+2.1]

Lymph Node

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Spleen

Note: TGL # 02 - NO MICROSCOPIC CORRELATE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 270	TRT#: 11	SEX: Female	DAY ON TEST: 729
	DOSE: 80 PPM	DISP: Terminal Sacrifice	HISTO: 21060100270

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland		Cyst	Mild
Uterus	Bilateral	Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 271

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100271

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Minimal

Liver

Inflammation

Chronic, Multifocal, Minimal

Uterus

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Cyst

Multifocal, Mild

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 272	TRT#: 8 DOSE: 5 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100272
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OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Minimal
Liver		Lymphoma Malignant Infiltration Cellular Lymphoma Malignant Vacuolization Cytoplasmic Lymphoma Malignant	Lymphocytic, Multifocal, Mild Diffuse, Mild
Lymph Node	Mandibular		
Note: TGL#4-NULIFIED BY TRIMMER ABDOMINAL LY NODE [Lymphoma Malignant TGLS = 3-3]			
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3]			
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 273

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100273

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Mild
Liver	Centrilobular	Vacuolization Cytoplasmic	Minimal
Uterus	Unilateral	Cyst	Multifocal, Moderate

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 274

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100274

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Minimal
Liver		Lymphoma Malignant	
Ovary	Bilateral	Lymphoma Malignant	Mild
[Cyst TGLS = 2,3-3]		Cyst	
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 275

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Ear	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Lacrimal Gland	Lung - Bronchus
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tongue
Trachea	Vagina	Zymbal's Gland	

MISSING

Blood Vessel - Aorta	Larynx	Thymus
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Femur	Proliferation	Multifocal, Moderate
	Sternum	Proliferation	Multifocal, Moderate
Intestine Small	Ileum	Hyperplasia	Focal, Mild
	Jejunum	Hyperplasia	Focal, Mild
Kidney		Inflammation	Chronic, Focal, Mild
Liver		Granuloma	Multifocal, Minimal
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
Lung		Inflammation	Chronic, Multifocal, Minimal
Lymph Node	Mesenteric	Hyperplasia	Mild
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Bilateral	Cyst	Multifocal, Moderate

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 276

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone - Femur	Bone Marrow	Brain - Cerebellum	Brain - Cerebrum
Ear	Esophagus	Eye	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Liver	Lung - Bronchus	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Skeletal Muscle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Vagina			

MISSING

Blood Vessel - Aorta	Clitoral Gland	Gallbladder	Zymbal's Gland
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Sternum	Proliferation	Multifocal, Moderate
Kidney		Inflammation	Chronic, Multifocal, Minimal
Lacrimal Gland		Inflammation	Chronic, Focal, Mild
Lung		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
	Mesenteric	Pigmentation	Multifocal, Mild
Ovary		Cyst	Moderate
Salivary Glands		Inflammation	Chronic, Mild
Spinal Cord	Thoracic	Inflammation	Chronic, Multifocal, Minimal
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Bilateral	Cyst	Multifocal, Marked

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 277

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Ear	Esophagus	Eye
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus
Parathyroid Gland	Peripheral Nerve	Skeletal Muscle	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Vagina	Zymbal's Gland

MISSING

Larynx

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Femur	Proliferation	Multifocal, Moderate
	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebellum	Lymphoma Malignant	
	Cerebrum	Mineralization	Multifocal, Minimal
Clitoral Gland		Cyst	Multifocal, Mild
Note: ONLY 1			
Harderian Gland		Lymphoma Malignant	
Heart		Lymphoma Malignant	
Kidney		Glomerulosclerosis	Multifocal, Mild
		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Mammary Gland		Lymphoma Malignant	
Note: SLIDE 7			
Nose		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 277	TRT#: 7	SEX: Female	DAY ON TEST: 740
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100277

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Proliferation	Multifocal, Mild
		Cyst	Marked
		Lymphoma Malignant	
[Cyst TGLS = 1-7]			
Pancreas		Lymphoma Malignant	
Pituitary Gland		Cyst	Focal, Mild
Salivary Glands		Lymphoma Malignant	
Spinal Cord	Thoracic	Lymphoma Malignant	
Spleen		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Moderate
		Lymphoma Malignant	
[Cyst TGLS = 2-7]			
Zymbals GI			
Note: UNILATERALLY			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 278

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone Marrow	Brain - Cerebellum	Brain - Cerebrum
Clitoral Gland	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Tongue	Trachea	Vagina
Zymbal's Gland			

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell Unilateral	Hyperplasia Pigmentation	Mild Focal, Mild
Bone	Femur Sternum	Proliferation Proliferation	Focal, Moderate Multifocal, Mild
Kidney		Inflammation	Chronic, Multifocal, Mild
Lacrimal Gland		Inflammation	Chronic, Focal, Minimal
Liver		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Mild
Thymus		Hyperplasia	Mild
Thyroid Gland		Adenoma	
[Adenoma TGLS = 1-9]			
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Bilateral	Cyst	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 279

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Brain - Cerebrum
Ear	Esophagus	Eye	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung - Bronchus
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Tongue	Trachea	Urinary Bladder	Vagina
Zymbal's Gland			

MISSING

Clitoral Gland	Gallbladder
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Lymphoma Malignant	
Lacrimal Gland		Focal Cellular Change	Minimal
		Inflammation	Chronic, Focal, Mild
Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Lymphoma Malignant	
		[Hepatocellular Adenoma TGLS = 2-2.1]	
Lymph Node	Mesenteric	Lymphoma Malignant	
Ovary		Cyst	Moderate
		Lymphoma Malignant	
		[Cyst TGLS = 1-7]	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 279

TRT#: 7
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 21060100279

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Lymphoma Malignant	
Thyroid Gland		Hyperplasia	Multifocal, Moderate
Uterus	Bilateral	Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 280

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Ear	Esophagus	Eye	Gallbladder
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung - Bronchus
Mammary Gland	Parathyroid Gland	Peripheral Nerve	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Tongue
Trachea	Zymbal's Gland		

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Femur	Proliferation	Focal, Mild
	Sternum	Proliferation	Multifocal, Minimal
Bone Marrow		Lymphoma Malignant	
Ear			
Note: ONLY 1			
Harderian Gland		Lymphoma Malignant	
Heart		Lymphoma Malignant	
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Nose		Lymphoma Malignant	
		Proliferation	Multifocal, Mild
Ovary		Cyst	Moderate
	Right	Hemorrhage	Multifocal, Moderate
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 280	TRT#: 7	SEX: Female	DAY ON TEST: 740
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100280

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CYST IS CORPUS HEMORRHAGIC

[Cyst TGLS = 3-7]

[Hemorrhage TGLS = 3-7]

Pancreas		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
		[Lymphoma Malignant TGLS = 2-2]	
Stomach	Glandular	Lymphoma Malignant	
Thymus		Lymphoma Malignant	
Thyroid Gland		Cyst	Mild
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Marked
		[Cyst TGLS = 1=7]	
Vagina		Lymphoma Malignant	
Zymbals GI			
Note: ONLY 1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 281

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100281

OBSERVATIONS

Kidney
Liver

Inflammation
Granuloma
Infiltration Cellular
Necrosis
Pigmentation
Tension Lipidosis

Chronic, Multifocal, Mild
Multifocal, Moderate
Lymphocytic, Multifocal, Mild
Multifocal, Mild
Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 282

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100282

OBSERVATIONS

Kidney		Inflammation	Chronic, Focal, Mild
Liver	Hepatocyte	Granuloma	Multifocal, Moderate
		Hypertrophy	Diffuse, Moderate
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
[Granuloma TGLS = 1-2.1]			
[Hypertrophy TGLS = 2-2]			
Ovary		Cyst	Marked
[Cyst TGLS = 4-3]			
Thyroid Gland		Adenoma	
[Adenoma TGLS = 5-3]			
Uterus	Unilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 3-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 283

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100283

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Chronic, Multifocal, Mild
Liver		Granuloma	Multifocal, Moderate
	Hepatocyte	Hypertrophy	Diffuse, Mild
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
Ovary		Cyst	Marked
[Cyst TGLS = 1-3]			
Uterus	Unilateral	Dilatation	Diffuse, Marked
[Dilatation TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 284

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100284

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Mild
Liver	Hepatocyte	Apoptosis	Minimal
	Hepatocyte	Granuloma	Multifocal, Moderate
		Hypertrophy	Diffuse, Mild
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 285

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100285

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Minimal
Liver		Eosinophilic Focus	
	Hepatocyte	Granuloma	Multifocal, Mild
		Hypertrophy	Diffuse, Moderate
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Mixed Cell Focus	
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 286

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100286

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Minimal
Liver		Granuloma	Multifocal, Mild
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
Ovary		Cyst	Moderate
	[Cyst TGLS = 1-3]		
Spleen		Hyperplasia	Moderate
	[Hyperplasia TGLS = 2-3]		
Uterus	Bilateral	Cyst	Multifocal, Moderate
	[Cyst TGLS = 4-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 287

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100287

OBSERVATIONS

Kidney		Cyst	Mild
		Inflammation	Chronic, Multifocal, Minimal
Liver		Granuloma	Multifocal, Moderate
	Hepatocyte	Hypertrophy	Diffuse, Minimal
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
Spleen		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-2]			
Uterus	Bilateral	Cyst	Multifocal, Mild
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 288

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Cyst
Metaplasia

Mild
Osseous, Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 289

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100289

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Mild

Liver

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Vacuolization Cytoplasmic

Multifocal, Minimal

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Uterus

Unilateral

Dilatation

Diffuse, Moderate

[Dilatation TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 290

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100290

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Minimal

Inflammation

Chronic, Multifocal, Minimal

Liver

Cyst

Focal, Moderate

Centrilobular

Vacuolization Cytoplasmic

Mild

[Cyst TGLS = 2-2]

Lymph Node

Cyst

Multifocal, Mild

[Cyst TGLS = 1-3.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 291

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100291

OBSERVATIONS

Kidney

Lymphoma Malignant

Liver

Lymphoma Malignant

[Lymphoma Malignant TGLS = 1-2]

Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 2-3]

Uterus

Bilateral

Cyst

Multifocal, Marked

[Cyst TGLS = 3-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 292	TRT#: 9 DOSE: 15 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100292
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Mild
Ovary		Cyst	Moderate
[Cyst TGLS = 1-3]			
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 293	TRT#: 9 DOSE: 15 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100293
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Liver
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OBSERVATIONS

Ovary Note: SEE SLIDE 7A [Cyst TGLS = 1-3]		Cyst	Minimal
Uterus [Cyst TGLS = 2-3]	Unilateral	Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 294

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Moderate
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3]			
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 295

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 296	TRT#: 8	SEX: Female	DAY ON TEST: 725
	DOSE: 5 PPM	DISP: Moribund	HISTO: 21060100296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Liver
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Peripheral Nerve
Pituitary Gland	Salivary Glands	Skeletal Muscle	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thymus	Tongue
Urinary Bladder	Vagina	Zymbal's Gland	

MISSING

Larynx	Parathyroid Gland	Thyroid Gland	Trachea
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OBSERVATIONS

Adrenal Gland Note: ONLY 1	Cortex, Spindle Cell, Unilateral	Hyperplasia	Mild
Bone	Femur Sternum	Proliferation Proliferation	Focal, Mild Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Clitoral Gland		Cyst	Multifocal, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
Lacrimal Gland		Inflammation	Chronic, Focal, Mild
Mammary Gland Note: SLIDE 5			
Skin [Fibrosarcoma TGLS = 1-11]		Fibrosarcoma	
Spleen		Hematopoietic Cell Proliferation Hyperplasia	Moderate Moderate
Uterus [Cyst TGLS = 2-7]	Bilateral	Cyst	Multifocal, Mild

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 296

TRT#: 8

SEX: Female

DAY ON TEST: 725

DOSE: 5 PPM

DISP: Moribund

HISTO: 21060100296

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: COD...PROBABLE-SKIN,FIBROSARCOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 297

TRT#: 10

SEX: Female

DAY ON TEST: 721

DOSE: 50 PPM

DISP: Natural Death

HISTO: 21060100297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone Marrow	Brain - Cerebellum
Brain - Cerebrum	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung - Bronchus
Peripheral Nerve	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Glandular	Tongue		

MISSING

Clitoral Gland	Parathyroid Gland	Thyroid Gland	Trachea
Zymbal's Gland			

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Minimal
Ear		Lymphoma Malignant	
Esophagus		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
		Necrosis	Focal, Moderate
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
[Lymphoma Malignant TGLS = 3-8]			
Mammary Gland		Lymphoma Malignant	
Nose		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 297	TRT#: 10	SEX: Female	DAY ON TEST: 721
	DOSE: 50 PPM	DISP: Natural Death	HISTO: 21060100297

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Cyst	Moderate
		Lymphoma Malignant	
Pancreas		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2]			
Stomach	Forestomach	Lymphoma Malignant	
Thymus		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus		Lymphoma Malignant	
Vagina		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Animal Note: COD...PROBABLE-LYMPHOMA MALIGNANT

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 332

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Ear
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Liver
Lung - Bronchus	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Peripheral Nerve	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Vagina
Zymbal's Gland			

MISSING

Clitoral Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Moderate
Bone	Femur	Proliferation	Multifocal, Moderate
	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Harderian Gland		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Focal, Mild
Lacrimal Gland		Inflammation	Chronic, Multifocal, Mild
Lung		Lymphoma Malignant	
Lymph Node	Mesenteric	Lymphoma Malignant	
Nose		Proliferation	Focal, Moderate
Ovary		Lymphoma Malignant	
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Marked

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 333

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Eye
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Lung - Bronchus	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Zymbal's Gland			

MISSING

Clitoral Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Spindle Cell, Unilateral	Hyperplasia	Moderate
Note: ONLY ONE			
Bone Marrow		Hyperplasia	Diffuse, Moderate
Harderian Gland		Lymphoma Malignant	
Intestine Small	Duodenum	Lymphoma Malignant	
Kidney		Cyst	Mild
Lacrimal Gland		Lymphoma Malignant	
Liver		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Mammary Gland		Lymphoma Malignant	
Nose		Lymphoma Malignant	
		Proliferation	Multifocal, Moderate
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
Thymus		Lymphoma Malignant	
Tongue		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 333

TRT#: 7
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 21060100333

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus
Note: SEE WET TISSUE 7A
[Cyst TGLS = 1-7]

Bilateral

Cyst

Multifocal, Moderate

Vagina

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 334 **TRT#:** 7 **SEX:** Female **DAY ON TEST:** 740
DOSE: 0 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Tongue
Trachea	Vagina		

MISSING

Larynx	Thymus	Zymbal's Gland	
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Femur	Proliferation	Multifocal, Moderate
	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Clitoral Gland		Cyst	Multifocal, Mild
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Granuloma	Multifocal, Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-2]		
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Mammary Gland		Lymphoma Malignant	
Ovary		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 334

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100334

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 335

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone - Femur	Clitoral Gland	Ear	Esophagus
Eye	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Lung - Bronchus	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Vagina
Zymbal's Gland			

MISSING

Blood Vessel - Aorta	Larynx
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INSUFFICIENT TISSUE

Brain - Cerebellum

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Brain	Cerebrum	Mineralization	Focal, Minimal
Harderian Gland		Inflammation	Chronic, Minimal
Lacrimal Gland		Inflammation	Chronic, Multifocal, Mild
Liver		Cyst	Focal, Moderate
Lung		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mandibular	Hyperplasia	Moderate
Ovary		Cyst	Mild
	Bilateral	Pigmentation	Multifocal, Mild
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Endometrium	Cyst	Minimal
	Bilateral	Dilatation	Diffuse, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 335

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100335

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 336

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Ear	Esophagus	Eye
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Liver	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Vagina
Zymbal's Gland			

MISSING

Pituitary Gland

INSUFFICIENT TISSUE

Brain - Cerebellum Gallbladder

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Femur	Proliferation	Multifocal, Mild
	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Clitoral Gland		Dilatation	Moderate
Kidney		Glomerulosclerosis	Multifocal, Minimal
Nose		Proliferation	Multifocal, Marked
Uterus	Bilateral	Cyst	Multifocal, Marked

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 337

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Brain - Cerebrum
Ear	Esophagus	Eye	Gallbladder
Harderian Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lacrimal Gland	Larynx	Lung - Bronchus	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Vagina
Zymbal's Gland			

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Clitoral Gland		Cyst	Multifocal, Mild
Kidney		Glomerulosclerosis	Multifocal, Minimal
Liver		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Tension Lipidosis	
Lymph Node	Mandibular	Hyperplasia	Mild
	Mesenteric	Hyperplasia	Mild
Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
Salivary Glands		Inflammation	Chronic, Mild
Spleen		Hyperplasia	Mild
Tongue		Inflammation	Chronic, Focal, Minimal
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 337

TRT#: 7

DOSE: 0 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 740

HISTO: 21060100337

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 338

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100338

OBSERVATIONS

Kidney	Inflammation	Chronic, Multifocal, Minimal
Liver	Granuloma	Multifocal, Moderate
	Infiltration Cellular	Lymphocytic, Multifocal, Moderate
	Necrosis	Multifocal, Mild
	Pigmentation	Multifocal, Mild
Ovary	Cyst	Moderate
[Cyst TGLS = 1-3]		
Uterus	Cyst	Multifocal, Mild
[Cyst TGLS = 2-3]		

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 339

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver

Infiltration Cellular

Lymphocytic, Multifocal, Mild

Uterus

Unilateral

Dilatation

Diffuse, Marked

[Dilatation TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 340

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100340

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia Lymphoma Malignant	Focal, Minimal
Liver		Infiltration Cellular Lymphoma Malignant	Lymphocytic, Multifocal, Moderate
Spleen	Centrilobular	Vacuolization Cytoplasmic Lymphoma Malignant	Mild
Uterus	Bilateral	Cyst	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 341

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 342

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100342

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia Inflammation	Focal, Minimal Chronic, Multifocal, Mild
Liver		Granuloma Vacuolization Cytoplasmic	Multifocal, Minimal Diffuse, Mild
Uterus [Cyst TGLS = 1-3]	Bilateral	Cyst	Multifocal, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 343

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100343

OBSERVATIONS

Kidney		Inflammation	Chronic, Focal, Minimal
Liver		Granuloma	Multifocal, Minimal
		Pigmentation	Multifocal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Moderate
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 344

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100344

OBSERVATIONS

Kidney

Lymphoma Malignant

Liver

Basophilic Focus

[Basophilic Focus TGLS = 2-2]

Lymphoma Malignant

Uterus

Bilateral

Cyst

Multifocal, Moderate

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 345

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100345

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Minimal

Liver

Granuloma

Multifocal, Marked

Necrosis

Multifocal, Moderate

Pigmentation

Multifocal, Mild

[Granuloma TGLS = 1-2]

Uterus

Bilateral

Cyst

Multifocal, Moderate

[Cyst TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 346	TRT#: 9 DOSE: 15 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100346
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Kidney	Liver		
OBSERVATIONS			
Uterus [Cyst TGLS = 1-3]	Bilateral	Cyst	Multifocal, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 347

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Intestine Small [Lymphoma Malignant TGLS = 3-3.2]	Jejunum	Lymphoma Malignant
Liver Lymph Node [Lymphoma Malignant TGLS = 2-3.1]	Mesenteric	Basophilic Focus Lymphoma Malignant
Spleen [Lymphoma Malignant TGLS = 1-3]		Lymphoma Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 348

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver		Hepatocellular Adenoma	
		Tension Lipidosis	
[Hepatocellular Adenoma TGLS = 1-2]			
Lymph Node	Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3]			
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 3-3.1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 349	TRT#: 9 DOSE: 15 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100349
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Liver
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OBSERVATIONS

Ovary [Cyst TGLS = 2-3.1]		Cyst	Moderate
Spleen [Lymphoma Malignant TGLS = 3-3.2]		Lymphoma Malignant	
Uterus [Cyst TGLS = 1-3]	Unilateral	Cyst	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 350

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver
Ovary

Granuloma
Cyst

Multifocal, Minimal
Moderate

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 351	TRT#: 9 DOSE: 15 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100351
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Liver
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OBSERVATIONS

Ovary [Cyst TGLS = 1-3]		Cyst	Moderate
Uterus [Cyst TGLS = 2-3.1]	Bilateral	Cyst	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 352

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100352

OBSERVATIONS

Kidney

Inflammation

Chronic, Focal, Mild

Liver

Granuloma

Multifocal, Mild

Ovary

Vacuolization Cytoplasmic

Diffuse, Mild

[Cyst TGLS = 2-3.1]

Cyst

Moderate

Uterus

Bilateral

Cyst

Multifocal, Mild

Bilateral

Dilatation

Diffuse, Moderate

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 353

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100353

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Minimal
Liver	Hepatocyte	Granuloma	Multifocal, Moderate
		Hypertrophy	Diffuse, Mild
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Moderate
Ovary		Cyst	Moderate
[Cyst TGLS = 2-3]			
Uterus	Bilateral	Dilatation	Diffuse, Marked
[Dilatation TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 354

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 21060100354

OBSERVATIONS

Kidney		Lymphoma Malignant	
Liver	Hepatocyte	Granuloma	Multifocal, Mild
		Hypertrophy	Diffuse, Mild
		Lymphoma Malignant	
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
Lymph Node	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-3.1]			
Ovary		Cyst	Moderate
[Cyst TGLS = 2-3]			
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3.1]			
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 355

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100355

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
	Cortex, Renal Tubule	Hyperplasia	Multifocal, Minimal
Liver		Granuloma	Multifocal, Moderate
	Hepatocyte	Hepatocellular Carcinoma	
		Hypertrophy	Diffuse, Minimal
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
	[Hepatocellular Carcinoma TGLS = 2-2]		
Uterus		Cyst	Multifocal, Mild
	[Cyst TGLS = 1-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 356

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 21060100356

OBSERVATIONS

Kidney

Inflammation

Chronic, Focal, Minimal

Liver

Cyst

Multifocal, Marked

Lymphoma Malignant

[Cyst TGLS = 5-2]

[Lymphoma Malignant TGLS = 3,4-2 + 2.1]

Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 2-3]

Uterus

Bilateral

Cyst

Multifocal, Moderate

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 357

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100357

OBSERVATIONS

Kidney
Liver

Hepatocyte

Inflammation
Cyst
Granuloma
Hypertrophy
Pigmentation
Vacuolization Cytoplasmic

Chronic, Focal, Minimal
Focal, Moderate
Multifocal, Moderate
Diffuse, Moderate
Multifocal, Mild
Diffuse, Moderate

[Cyst TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 358

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100358

OBSERVATIONS

Kidney
Liver

Glomerulosclerosis
Granuloma
Hepatocellular Adenoma
Hypertrophy
Pigmentation
Vacuolization Cytoplasmic
Vacuolization Cytoplasmic

Multifocal, Minimal
Multifocal, Mild
Diffuse, Minimal
Multifocal, Minimal
Minimal
Moderate

Hepatocyte
Centrilobular
Periportal

Note: ADENOMA MEDIAN AND RIGHT
[Hepatocellular Adenoma TGLS = 1,2-2 + 2.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 359	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100359
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lacrimal Gland	Lung - Bronchus	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Peripheral Nerve	Pituitary Gland	Salivary Glands	Skeletal Muscle
Spinal Cord - Thoracic	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Zymbal's Gland		

MISSING

Larynx	Parathyroid Gland	Vagina
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Ear		Inflammation	Chronic, Focal, Marked
Note: ONLY 1			
Kidney		Inflammation	Chronic, Focal, Minimal
Liver	Hepatocyte	Apoptosis	Minimal
		Eosinophilic Focus	
		Granuloma	Multifocal, Mild
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Moderate
		Pigmentation	Multifocal, Mild
[Hepatocellular Adenoma TGLS = 1,2-2]			
Ovary		Cyst	Moderate
Skin		Papilloma	
Uterus	Bilateral	Cyst	Multifocal, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 360	TRT#: 11	SEX: Female	DAY ON TEST: 729
	DOSE: 80 PPM	DISP: Terminal Sacrifice	HISTO: 21060100360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Ear
Esophagus	Eye	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung - Bronchus
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Pituitary Gland	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Tongue	Trachea	Uterus	Vagina
Zymbal's Gland			

MISSING

Clitoral Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Femur	Proliferation	Multifocal, Mild
	Sternum	Proliferation	Multifocal, Minimal
Bone Marrow		Hyperplasia	Diffuse, Mild
Harderian Gland		Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Multifocal, Mild
Lacrimal Gland		Inflammation	Chronic, Focal, Mild
Liver		Granuloma	Multifocal, Mild
		Hemangiosarcoma	
		Hepatocellular Carcinoma	
		Pigmentation	Multifocal, Minimal
	[Hemangiosarcoma TGLS = 2-2]		
	[Hepatocellular Carcinoma TGLS = 1-2]		
Lung		Inflammation	Chronic, Multifocal, Mild
Lymph Node	Mesenteric	Hyperplasia	Mild
	Mandibular	Pigmentation	Multifocal, Mild
	Mesenteric	Pigmentation	Multifocal, Minimal
Ovary	Bilateral	Pigmentation	Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 360

TRT#: 11
DOSE: 80 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100360

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands

Inflammation

Chronic, Mild

Spleen

Hemangiosarcoma

[Hemangiosarcoma TGLS = 3-2]

Urinary Bladder

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 361

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Pituitary Gland	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Uterus
Vagina	Zymbal's Gland		

MISSING

Adrenal Gland

OBSERVATIONS

Bone	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Clitoral Gland		Cyst	Multifocal, Mild
Note: ONLY ONE			
Esophagus			
Note: ON TRACHEA			
Kidney		Inflammation	Chronic, Multifocal, Mild
Lacrimal Gland		Inflammation	Chronic, Multifocal, Mild
Liver	Hepatocyte	Apoptosis	Minimal
		Granuloma	Multifocal, Moderate
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Multifocal, Moderate

[Hepatocellular Adenoma TGLS = 1,2,3-2 + 2.1]

[Hypertrophy TGLS = 4-2.2]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 361	TRT#: 11	SEX: Female	DAY ON TEST: 729
	DOSE: 80 PPM	DISP: Terminal Sacrifice	HISTO: 21060100361

ORGAN AND ACCOUNTABLE SITE STATUS

Lung		Inflammation	Chronic, Multifocal, Mild
Ovary		Cyst	Mild
	Bilateral	Pigmentation	Multifocal, Mild
Salivary Glands		Inflammation	Chronic, Mild
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 362

TRT#: 7
DOSE: 0 PPM

SEX: Female
DISP: Moribund

DAY ON TEST: 731
HISTO: 21060100362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Eye
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Peripheral Nerve
Skeletal Muscle	Spinal Cord - Thoracic	Stomach - Glandular	Thyroid Gland
Tongue	Trachea	Vagina	Zymbal's Gland

MISSING

Adrenal Gland	Parathyroid Gland
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Bone Marrow		Hyperplasia	Diffuse, Mild
Clitoral Gland		Cyst	Multifocal, Mild
Harderian Gland		Inflammation	Chronic, Mild
Kidney	Glomerulus	Amyloid Deposition	Marked
Lacrimal Gland		Inflammation	Chronic, Focal, Mild
Liver	Periportal	Vacuolization Cytoplasmic	Mild
Mammary Gland		Edema	Diffuse, Mild
[Edema TGLS = 4-11]			
Salivary Glands		Inflammation	Chronic, Mild
Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 3-11]			
Spleen		Hyperplasia	Moderate
Stomach	Forestomach	Hyperplasia	Focal, Moderate
Thymus		Atrophy	Moderate
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus	Bilateral	Cyst	Multifocal, Mild
[Cyst TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 362

TRT#: 7

SEX: Female

DAY ON TEST: 731

DOSE: 0 PPM

DISP: Moribund

HISTO: 21060100362

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

Animal Note: COD...PROBABLE-SKIN,FIBROSARCOMA

Animal Note: TGL#2-NO SECTION TAKEN (FLUID)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 397	TRT#: 10 DOSE: 50 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100397
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OBSERVATIONS

Kidney		Glomerulosclerosis Inflammation Lymphoma Malignant	Multifocal, Minimal Subacute, Focal, Mild
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Note: LYMPHOMA META

Liver	Hepatocyte	Granuloma Hypertrophy Necrosis Pigmentation Vacuolization Cytoplasmic	Multifocal, Moderate Diffuse, Minimal Multifocal, Mild Multifocal, Mild Diffuse, Minimal
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Lymph Node

Note: TGL#1-NOTED GROSSLY AS LYMPH NODE WAS MESENTERY FAT
Note: TGL#1 - NOTED GROSSLY AS LYMPH NODE WAS MESENTARY FAT

Mesentery	Fat	Necrosis	Focal, Mild
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Note: TGL #1-noted GROSSLY AS MENTENT. FAT
[Necrosis TGLS = 1-3]

Ovary		Cyst	Marked
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[Cyst TGLS = 3-3.1]

Spleen		Lymphoma Malignant	
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[Lymphoma Malignant TGLS = 4-3.1]

Uterus	Bilateral	Dilatation	Multifocal, Moderate
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[Dilatation TGLS = 2-3]

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 398

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100398

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Focal, Minimal
Liver	Hepatocyte	Granuloma	Multifocal, Moderate
		Hypertrophy	Diffuse, Mild
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
Uterus	Bilateral	Dilatation	Multifocal, Mild
[Dilatation TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 399

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100399

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
		Inflammation	Subacute, Multifocal, Mild
Liver		Granuloma	Multifocal, Moderate
	Hepatocyte	Hypertrophy	Diffuse, Mild
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
[Hypertrophy TGLS = 3-2]			
Ovary		Cyst	Moderate
[Cyst TGLS = 2-3]			
Uterus	Bilateral	Dilatation	Multifocal, Moderate
[Dilatation TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 400	TRT#: 10 DOSE: 50 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100400
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OBSERVATIONS

Kidney		Glomerulosclerosis Inflammation	Multifocal, Minimal Subacute, Multifocal, Mild
Liver	Renal Tubule	Proliferation Granuloma	Focal, Minimal Multifocal, Moderate
	Hepatocyte	Hypertrophy Necrosis Pigmentation Vacuolization Cytoplasmic Hemangioma	Diffuse, Mild Multifocal, Mild Multifocal, Mild Diffuse, Mild
Ovary [Hemangioma TGLS = 1-3]			
Uterus [Dilatation TGLS = 2-3]	Bilateral	Dilatation	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 401	TRT#: 10 DOSE: 50 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100401
OBSERVATIONS			
Kidney	Renal Tubule	Proliferation	Focal, Minimal
Liver		Granuloma	Multifocal, Mild
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Mild
		Infiltration Cellular	Lymphocytic, Multifocal, Moderate
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Minimal
[Hepatocellular Adenoma TGLS = 2-2]			
Uterus	Bilateral	Dilatation	Multifocal, Marked
[Dilatation TGLS = 1-3]			
<hr/> PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 402

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100402

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Minimal
		Inflammation	Subacute, Multifocal, Mild
Liver	Hepatocyte	Granuloma	Multifocal, Mild
		Hypertrophy	Diffuse, Mild
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
	Centrilobular	Pigmentation	Multifocal, Minimal
	Periportal	Vacuolization Cytoplasmic	Mild
		Vacuolization Cytoplasmic	Mild
[Hypertrophy TGLS = 1-2.1]			
Uterus	Bilateral	Dilatation	Multifocal, Mild
[Dilatation TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 403

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100403

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Liver

Inflammation

Subacute, Multifocal, Mild

Ovary

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Necrosis

Focal, Minimal

Cyst

Marked

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 404

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100404

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Liver

Inflammation

Subacute, Multifocal, Mild

[Hepatocellular Adenoma TGLS = 1-2.1]

Hepatocellular Adenoma

Uterus

Unilateral

Dilatation

Diffuse, Moderate

[Dilatation TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 405	TRT#: 8 DOSE: 5 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100405
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney		Glomerulosclerosis Inflammation	Multifocal, Mild Subacute, Focal, Minimal
Uterus	Bilateral	Dilatation	Diffuse, Moderate

[Dilatation TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 406

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100406

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Inflammation

Subacute, Multifocal, Mild

Liver

Granuloma

Multifocal, Minimal

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Centrilobular

Vacuolization Cytoplasmic

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 407

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100407

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Mild

Inflammation

Subacute, Focal, Mild

Liver

Granuloma

Multifocal, Mild

Uterus

Unilateral

Dilatation

Diffuse, Moderate

[Dilatation TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 408

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100408

OBSERVATIONS

Kidney

Glomerulosclerosis
Lymphoma Malignant

Multifocal, Minimal

Note: LYMPHOMA META

Liver

Lymphoma Malignant

Note: LYMPHOMA META

[Lymphoma Malignant TGLS = 3,4,5-2.1 + 2]

Lymph Node

Mesenteric

Lymphoma Malignant

Note: 3B FROM WET

[Lymphoma Malignant TGLS = 6-3.2]

Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 1-3]

Uterus

Cyst

Multifocal, Mild

[Cyst TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 409

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebrum	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Peripheral Nerve	Salivary Glands	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Vagina
Zymbal's Gland			

MISSING

Brain - Cerebellum	Larynx	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Focal, Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Clitoral Gland		Cyst	Multifocal, Mild
Kidney		Glomerulosclerosis	Multifocal, Mild
Liver	Hepatocyte	Apoptosis	Minimal
		Granuloma	Multifocal, Mild
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Mild
		Necrosis	Multifocal, Minimal
		Pigmentation	Multifocal, Minimal
	[Hepatocellular Adenoma TGLS = 2,3,4,5-2+2.1+2.2]		
Skeletal Muscle		Degeneration	Mild
Spleen		Hyperplasia	Mild
	[Hyperplasia TGLS = 6-2]		
Uterus	Bilateral	Cyst	Multifocal, Marked
		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 409

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100409

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-7]

Zymbals GI

Note: ONLY ONE UNILATERAL

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 410

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebrum	Ear
Esophagus	Eye	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung - Bronchus
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Vagina

MISSING

Gallbladder	Pituitary Gland	Zymbal's Gland
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INSUFFICIENT TISSUE

Brain - Cerebellum

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Sternum	Proliferation	Multifocal, Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Clitoral Gland		Cyst	Multifocal, Mild
Kidney		Glomerulosclerosis	Multifocal, Mild
Lacrimal Gland		Lymphoma Malignant	
Liver	Hepatocyte	Lymphoma Malignant	Minimal
	Hepatocyte	Apoptosis	
	[Hepatocellular Adenoma TGLS = 2,3,4,5-2+2.1+2.2]	Hepatocellular Adenoma	
Lung		Hypertrophy	Diffuse, Marked
	[Lymphoma Malignant TGLS = 7-1]	Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Ovary		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 410	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100410
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen [Lymphoma Malignant TGLS = 6-2]		Lymphoma Malignant	
Uterus [Cyst TGLS = 1-7]	Bilateral	Cyst	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 411

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Lung - Bronchus	Nose	Ovary	Pancreas
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Vagina	Zymbal's Gland		

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell Bilateral, Medulla	Hyperplasia Hyperplasia	Moderate Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Clitoral Gland		Cyst	Multifocal, Moderate
Intestine Large	Cecum Colon	Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver	Hepatocyte Hepatocyte	Apoptosis Hepatocellular Adenoma Hypertrophy Infiltration Cellular Lymphoma Malignant Pigmentation Vacuolization Cytoplasmic	Minimal Diffuse, Marked Lymphocytic, Multifocal, Mild Multifocal, Mild Multifocal, Mild
[Hepatocellular Adenoma TGLS = 2,3,4,5-2+2.1+2.2]			
Lung		Lymphoma Malignant	
Lymph Node	Mandibular Mesenteric	Lymphoma Malignant Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 411	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100411
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ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 412	TRT#: 9 DOSE: 15 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100412
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney		Glomerulosclerosis Inflammation	Multifocal, Mild Subacute, Multifocal, Mild
Uterus	Bilateral	Cyst Polyp	Multifocal, Moderate

[Cyst TGLS = 1-3]
[Polyp TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 413

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100413

OBSERVATIONS

Kidney		Glomerulosclerosis	Multifocal, Mild
Liver		Infiltration Cellular	Lymphocytic, Focal, Minimal
Ovary		Cyst	Moderate
[Cyst TGLS = 1-3]			
Uterus	Bilateral	Dilatation	Diffuse, Marked
[Dilatation TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 414

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100414

OBSERVATIONS

Kidney

Glomerulosclerosis
Inflammation

Multifocal, Minimal
Subacute, Multifocal, Minimal

Liver

Tension Lipidosis

Uterus

Bilateral

Cyst

Multifocal, Mild

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 415

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 416

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100416

OBSERVATIONS

Kidney		Glomerulosclerosis Inflammation	Multifocal, Mild Subacute, Multifocal, Mild
Liver		Infiltration Cellular Tension Lipidosis	Lymphocytic, Multifocal, Minimal
Ovary [Cyst TGLS = 1-3]		Cyst	Moderate
Uterus [Cyst TGLS = 2-3]	Bilateral	Cyst	Multifocal, Moderate

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 417

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100417

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Minimal

Inflammation

Subacute, Multifocal, Mild

Renal Tubule

Proliferation

Multifocal, Minimal

Liver

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Uterus

Bilateral

Cyst

Multifocal, Marked

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 418

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100418

OBSERVATIONS

Kidney
Liver

Glomerulosclerosis
Infiltration Cellular
Vacuolization Cytoplasmic
Cyst

Multifocal, Mild
Lymphocytic, Multifocal, Minimal
Diffuse, Minimal
Multifocal, Moderate

Uterus
[Cyst TGLS = 1-3]

Bilateral

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 419

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100419

OBSERVATIONS

Kidney
Liver

Centrilobular

Inflammation
Infiltration Cellular
Vacuolization Cytoplasmic

Subacute, Focal, Minimal
Lymphocytic, Multifocal, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 420

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Eye
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Jejunum	Lung - Bronchus	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Peripheral Nerve
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Tongue
Trachea	Vagina	Zymbal's Gland	

MISSING

Pituitary Gland

INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Clitoral Gland		Cyst	Multifocal, Mild
		Inflammation	Chronic, Focal, Mild
Harderian Gland		Inflammation	Chronic, Mild
Intestine Large	Rectum	Hyperplasia	Focal, Mild
Intestine Small	Ileum	Hyperplasia	Focal, Mild
Kidney		Inflammation	Chronic, Mild
Lacrimal Gland		Atrophy	Focal, Mild
		Inflammation	Chronic, Mild
Liver		Tension Lipidosis	
		Vacuolization Cytoplasmic	Focal, Mild
Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Moderate
	Mesenteric	Hyperplasia	Moderate
Ovary	Bilateral	Pigmentation	Multifocal, Mild
Salivary Glands		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 420

TRT#: 7
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 21060100420

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hyperplasia	Mild
Urinary Bladder		Inflammation	Chronic, Focal, Minimal
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 421	TRT#: 7	SEX: Female	DAY ON TEST: 740
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lacrimal Gland	Larynx	Liver	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Peripheral Nerve	Pituitary Gland	Salivary Glands
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Vagina
Zymbal's Gland			

MISSING

Adrenal Gland	Ovary	Parathyroid Gland
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OBSERVATIONS

Bone	Femur	Proliferation	Multifocal, Mild
	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Clitoral Gland		Cyst	Minimal
Lung		Inflammation	Chronic, Multifocal, Mild
Uterus	Bilateral	Cyst	Multifocal, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 422

TRT#: 7
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 21060100422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Ear	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lung - Bronchus	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Peripheral Nerve	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Vagina	Zymbal's Gland

MISSING

Pituitary Gland	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Femur	Proliferation	Focal, Mild
	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Clitoral Gland		Lymphoma Malignant	
Esophagus		Lymphoma Malignant	
Kidney		Glomerulosclerosis	Multifocal, Minimal
		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
		Lymphoma Malignant	
		[Basophilic Focus TGLS = 3-2.1]	
		[Lymphoma Malignant TGLS = 4-2.2]	
Lung		Lymphoma Malignant	
Lymph Node	Mesenteric	Lymphoma Malignant	
Ovary		Cyst	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 422	TRT#: 7	SEX: Female	DAY ON TEST: 740
	DOSE: 0 PPM	DISP: Terminal Sacrifice	HISTO: 21060100422

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 1-7]			
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 423

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Ear
Esophagus	Eye	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Lung - Bronchus	Nose	Pancreas	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Vagina	Zymbal's Gland		

MISSING

Clitoral Gland	Peripheral Nerve	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Femur	Proliferation	Multifocal, Mild
	Sternum	Proliferation	Multifocal, Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Gallbladder		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Liver		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Mammary Gland		Lymphoma Malignant	
Note: SLIDE 5			
Ovary		Lymphoma Malignant	
	Bilateral	Pigmentation	Multifocal, Mild
Parathyroid Gland		Cyst	Focal, Mild
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 423

TRT#: 7
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 21060100423

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus [Cyst TGLS = 1-7]	Bilateral	Cyst	Multifocal, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 424

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Inflammation

Chronic, Focal, Minimal

Ovary

Cyst

Moderate

[Cyst TGLS = 1-3]

Uterus

Bilateral

Dilatation

Multifocal, Moderate

[Dilatation TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 425

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Renal Tubule

Inflammation

Proliferation

Subacute, Focal, Minimal

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 426

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 427

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100427

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Minimal

Liver

Granuloma

Multifocal, Mild

Uterus

Bilateral

Tension Lipidosis

Cyst

Multifocal, Moderate

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 461 **TRT#:** 11 **SEX:** Female **DAY ON TEST:** 729
DOSE: 80 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Brain - Cerebrum
Ear	Esophagus	Eye	Gallbladder
Harderian Gland	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Lacrimal Gland	Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Vagina			

MISSING

Clitoral Gland	Larynx	Peripheral Nerve	Zymbal's Gland
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INSUFFICIENT TISSUE

Heart

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Mild
Bone Marrow		Hyperplasia	Diffuse, Moderate
Liver		Granuloma	Multifocal, Mild
	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Marked
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Pigmentation	Multifocal, Minimal
[Hepatocellular Adenoma TGLS = 3-2]			
[Hypertrophy TGLS = 2,4,5-2+2.1+2.2]			
Ovary		Cyst	Mild
		Pigmentation	Multifocal, Mild
Note: TGL#1-NULLIFIED BY TRIMMER			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 6-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 461

TRT#: 11
DOSE: 80 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100461

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Bilateral	Cyst	Multifocal, Mild
Vagina			
Note: SLIDE 8			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 462

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lung - Bronchus	Lymph Node - Mandibular	Mammary Gland
Pancreas	Peripheral Nerve	Salivary Glands	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tongue	Trachea	Vagina
Zymbal's Gland			

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Clitoral Gland		Cyst	Multifocal, Mild
Intestine Large	Colon	Lymphoma Malignant	
Kidney	Pelvis	Dilatation	Diffuse, Moderate
		Lymphoma Malignant	
		Nephropathy	Chronic, Multifocal, Mild
Lacrimal Gland		Lymphoma Malignant	
Liver		Granuloma	Multifocal, Mild
	Hepatocyte	Hepatocellular Carcinoma	
		Hypertrophy	Diffuse, Marked
		Lymphoma Malignant	
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Mild
		Pigmentation	Multifocal, Moderate

[Hepatocellular Carcinoma TGLS = 3-2]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 462	TRT#: 11	SEX: Female	DAY ON TEST: 729
	DOSE: 80 PPM	DISP: Terminal Sacrifice	HISTO: 21060100462

ORGAN AND ACCOUNTABLE SITE STATUS

[Hypertrophy TGLS = 2,3,4-2]

Lung		Lymphoma Malignant	
Lymph Node	Mesenteric	Lymphoma Malignant	
Nose		Lymphoma Malignant	
Ovary		Lymphoma Malignant	
		Pigmentation	Multifocal, Moderate

Note: 1 MISSING

Spleen		Lymphoma Malignant	
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[Lymphoma Malignant TGLS = 1-2]

Thymus		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Mild
	Bilateral	Pigmentation	Multifocal, Mild

[Pigmentation TGLS = 5-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 470

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Brain - Cerebrum
Ear	Esophagus	Eye	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thymus	Tongue	Trachea
Vagina	Zymbal's Gland		

MISSING

Clitoral Gland	Larynx
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INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Kidney		Inflammation	Chronic, Focal, Minimal
Lacrimal Gland		Inflammation	Chronic, Focal, Moderate
Liver		Infiltration Cellular	Lymphocytic, Multifocal, Mild
Ovary		Cyst	Moderate
Salivary Glands		Inflammation	Chronic, Minimal
Spleen		Hyperplasia	Mild
Thyroid Gland		Cyst	Mild
Urinary Bladder		Inflammation	Chronic, Mild
Uterus	Bilateral	Cyst	Multifocal, Marked

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 471

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Clitoral Gland
Ear	Esophagus	Eye	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung - Bronchus	Mammary Gland	Nose
Parathyroid Gland	Peripheral Nerve	Pituitary Gland	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tongue	Trachea	

MISSING

Larynx	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Brain	Cerebrum	Mineralization	Multifocal, Mild
Gallbladder		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
Intestine Large	Rectum	Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-8]			
Ovary		Cyst	Marked
		Lymphoma Malignant	
[Cyst TGLS = 2-7]	Bilateral	Pigmentation	Multifocal, Moderate
Pancreas		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 471	TRT#: 7 DOSE: 0 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 740 HISTO: 21060100471
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen [Lymphoma Malignant TGLS = 3-2]		Lymphoma Malignant	
Thymus		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus [Cyst TGLS = 1-7]	Bilateral	Cyst	Multifocal, Moderate
Vagina		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 472

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Brain - Cerebrum
Clitoral Gland	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Liver	Lung - Bronchus
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Vagina	Zymbal's Gland		

MISSING

Larynx

INSUFFICIENT TISSUE

Lacrimal Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Ovary		Cyst	Moderate
	Bilateral	Pigmentation	Multifocal, Mild
[Cyst TGLS = 1-7]			
Uterus	Bilateral	Cyst	Multifocal, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 473

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Brain - Cerebellum	Brain - Cerebrum	Ear
Esophagus	Eye	Gallbladder	Harderian Gland
Heart	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lung - Bronchus	Mammary Gland
Peripheral Nerve	Pituitary Gland	Skeletal Muscle	Skin
Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Vagina		

MISSING

Clitoral Gland	Parathyroid Gland	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Femur	Proliferation	Multifocal, Mild
	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Mild
Intestine Large	Cecum	Lymphoma Malignant	
	Colon	Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	
	Mesenteric	Lymphoma Malignant	
Nose		Lymphoma Malignant	
Ovary		Cyst	Mild
		Lymphoma Malignant	
[Cyst TGLS = 2-7]			
Pancreas		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 473

TRT#: 7
DOSE: 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 740
HISTO: 21060100473

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Lymphoma Malignant
Tongue	Lymphoma Malignant
Urinary Bladder	Lymphoma Malignant
Uterus	Cyst
	Multifocal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 474

TRT#: 7

SEX: Female

DAY ON TEST: 740

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 21060100474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Brain - Cerebrum
Clitoral Gland	Ear	Esophagus	Eye
Gallbladder	Harderian Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Kidney	Lacrimal Gland	Liver
Lung - Bronchus	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Salivary Glands	Skeletal Muscle	Skin	Spinal Cord - Thoracic
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Vagina	Zymbal's Gland		

INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Mild
Bone	Sternum	Proliferation	Multifocal, Mild
Bone Marrow		Hyperplasia	Diffuse, Mild
Ear			
Note: ONLY ONE			
Nose		Inflammation	Chronic, Multifocal, Mild
Ovary	Bilateral	Pigmentation	Multifocal, Mild
Uterus	Bilateral	Cyst	Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 475

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Brain - Cerebrum
Ear	Esophagus	Eye	Harderian Gland
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Lung - Bronchus	Lymph Node - Mesenteric
Mammary Gland	Nose	Peripheral Nerve	Pituitary Gland
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tongue	Trachea
Vagina			

MISSING

Larynx	Parathyroid Gland	Zymbal's Gland
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OBSERVATIONS

Adrenal Gland Note: ONLY ONE	Cortex, Spindle Cell, Unilateral	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Clitoral Gland	Bilateral	Cyst	Moderate
Gallbladder		Lymphoma Malignant	
Intestine Small	Ileum	Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Lacrimal Gland		Lymphoma Malignant	
Liver		Granuloma	Multifocal, Mild
	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Marked
		Lymphoma Malignant	
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Minimal
[Hepatocellular Adenoma TGLS = 5-2.1]			
[Hypertrophy TGLS = 3,4,6-2+2.2]			
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 475	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100475
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ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Lymphoma Malignant	
Pancreas	Acinar Cell	Atrophy	Diffuse, Marked
		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLS = 2-2]		
Thymus		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Multifocal, Marked
	[Cyst TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 476

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100476

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Mild
Liver		Granuloma	Multifocal, Marked
		Pigmentation	Multifocal, Marked
Pancreas	Acinar Cell	Atrophy	Multifocal, Marked
		Cyst	Multifocal, Marked
[Cyst TGLS = 2-3]			
Uterus	Unilateral	Cyst	Multifocal, Marked
		Sarcoma Stromal	
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 477

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Cortex, Renal Tubule

Degeneration

Multifocal, Mild

Inflammation

Chronic, Multifocal, Mild

Ovary

Cyst

Marked

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 478

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100478

OBSERVATIONS

Kidney
Liver

Lymphoma Malignant
Hepatocellular Adenoma
Infiltration Cellular
Lymphoma Malignant

Lymphocytic, Multifocal, Moderate

[Hepatocellular Adenoma TGLS = 1-2]

Spleen

[Lymphoma Malignant TGLS = 3-3]

Lymphoma Malignant

Uterus

Unilateral

Cyst

Multifocal, Moderate

[Cyst TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 479

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100479

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Minimal

Liver

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Ovary

Vacuolization Cytoplasmic

Diffuse, Moderate

[Cyst TGLS = 2-3]

Cyst

Moderate

Uterus

Bilateral

Cyst

Multifocal, Mild

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 480

TRT#: 8
DOSE: 5 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100480

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Mild
Liver		Tension Lipidosis	
Uterus	Bilateral	Cyst	Multifocal, Marked
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 481

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen

OBSERVATIONS

Kidney	Cortex, Renal Tubule	Hyperplasia Inflammation Granuloma	Focal, Minimal Chronic, Multifocal, Mild Multifocal, Minimal
Liver			
Spleen			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 482

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 5 PPM

DISP: Terminal Sacrifice

HISTO: 21060100482

OBSERVATIONS

Harderian Gland
[Adenoma TGLS = 1-3]

Adenoma

Kidney

Inflammation

Chronic, Multifocal, Mild

Liver

Granuloma

Multifocal, Mild

Uterus

Bilateral

Vacuolization Cytoplasmic

Diffuse, Mild

[Cyst TGLS = 2-3]

Cyst

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 483	TRT#: 8 DOSE: 5 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100483
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver		Granuloma	Multifocal, Minimal
Ovary		Cyst	Marked
[Cyst TGLS = 1-3]			
Uterus	Unilateral	Dilatation	Diffuse, Moderate
[Dilatation TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 484

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100484

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Mild
Liver		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
	Centrilobular	Vacuolization Cytoplasmic	Minimal
Ovary		Cyst	Moderate
[Cyst TGLS = 2-3]			
Uterus	Unilateral	Cyst	Focal, Moderate
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 485

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100485

OBSERVATIONS

Kidney

Hyperplasia

Focal, Mild

Liver

Infiltration Cellular

Lymphocytic, Multifocal, Minimal

Centrilobular

Vacuolization Cytoplasmic

Minimal

Uterus

Unilateral

Dilatation

Diffuse, Marked

[Dilatation TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 486

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100486

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Minimal
Liver		Granuloma	Multifocal, Minimal
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 487

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100487

OBSERVATIONS

Kidney
Liver

Inflammation
Granuloma
Infiltration Cellular
Pigmentation

Chronic, Multifocal, Minimal
Multifocal, Mild
Lymphocytic, Multifocal, Minimal
Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 488

TRT#: 9
DOSE: 15 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100488

OBSERVATIONS

Kidney		Inflammation	Chronic, Multifocal, Minimal
Liver		Granuloma	Multifocal, Minimal
Ovary		Cyst	Marked
[Cyst TGLS = 2-3]			
Uterus	Unilateral	Dilatation	Diffuse, Marked
[Dilatation TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 489

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100489

OBSERVATIONS

Kidney

Inflammation

Chronic, Focal, Minimal

Liver

Granuloma

Multifocal, Minimal

Spleen

Pigmentation

Multifocal, Minimal

[Lymphoma Malignant TGLS = 1-3]

Lymphoma Malignant

Uterus

Unilateral

Cyst

Multifocal, Moderate

[Cyst TGLS = 2-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 490	TRT#: 9	SEX: Female	DAY ON TEST: 729
	DOSE: 15 PPM	DISP: Terminal Sacrifice	HISTO: 21060100490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver		Infiltration Cellular	Lymphocytic, Multifocal, Minimal
Spleen		Hyperplasia	Marked
[Hyperplasia TGLS = 2-3]			
Uterus	Bilateral	Cyst	Multifocal, Moderate
	Bilateral	Dilatation	Diffuse, Moderate
[Cyst TGLS = 1-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 491

TRT#: 9

SEX: Female

DAY ON TEST: 729

DOSE: 15 PPM

DISP: Terminal Sacrifice

HISTO: 21060100491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Kidney

Inflammation

Chronic, Focal, Minimal

Ovary

Cyst

Moderate

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 492

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100492

OBSERVATIONS

Kidney

Glomerulosclerosis

Multifocal, Minimal

Inflammation

Chronic, Multifocal, Mild

Liver

Hepatocellular Carcinoma

Infiltration Cellular

Lymphocytic, Multifocal, Mild

[Hepatocellular Carcinoma TGLS = 1,2-2]

Uterus

Bilateral

Cyst

Multifocal, Mild

[Cyst TGLS = 3-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 493

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100493

OBSERVATIONS

Kidney		Inflammation	Chronic, Focal, Mild
Liver	Hepatocyte	Granuloma	Multifocal, Mild
		Hypertrophy	Diffuse, Mild
		Pigmentation	Multifocal, Minimal
		Vacuolization Cytoplasmic	Diffuse, Moderate
Uterus	Bilateral	Cyst	Multifocal, Moderate
	Bilateral	Dilatation	Diffuse, Moderate

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 494

TRT#: 10
DOSE: 50 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100494

OBSERVATIONS

Kidney
Liver

Inflammation
Granuloma
Hepatocellular Adenoma
Hepatocellular Carcinoma
Pigmentation

Chronic, Multifocal, Minimal
Multifocal, Mild

[Hepatocellular Adenoma TGLS = 3-2.1]
[Hepatocellular Carcinoma TGLS = 1-2.1]

Uterus

[Histiocytic Sarcoma TGLS = 2-3]

Histiocytic Sarcoma

Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 495

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 21060100495

OBSERVATIONS

Kidney

Inflammation

Chronic, Multifocal, Mild

Liver

Eosinophilic Focus

Granuloma

Multifocal, Moderate

Pigmentation

Multifocal, Mild

Uterus

Bilateral

Cyst

Multifocal, Moderate

[Cyst TGLS = 1-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 496	TRT#: 10 DOSE: 50 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100496
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

OBSERVATIONS

Liver		Granuloma	Multifocal, Moderate
		Hepatocellular Adenoma	
	Hepatocyte	Hypertrophy	Diffuse, Mild
		Necrosis	Multifocal, Minimal
		Pigmentation	Multifocal, Mild
		Vacuolization Cytoplasmic	Diffuse, Mild
[Hepatocellular Adenoma TGLS = 1-2]			
Uterus	Bilateral	Cyst	Multifocal, Moderate
[Cyst TGLS = 2-3]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 497

TRT#: 10

SEX: Female

DAY ON TEST: 729

DOSE: 50 PPM

DISP: Terminal Sacrifice

HISTO: 21060100497

OBSERVATIONS

Kidney

Lymphoma Malignant

Liver

Granuloma

Multifocal, Moderate

Hepatocellular Adenoma

Hepatocellular Carcinoma

Hepatocyte

Hypertrophy

Diffuse, Mild

Lymphoma Malignant

Necrosis

Multifocal, Minimal

Pigmentation

Multifocal, Mild

Vacuolization Cytoplasmic

Diffuse, Mild

[Hepatocellular Adenoma TGLS = 2-2]

[Hepatocellular Carcinoma TGLS = 4-2.1]

[Lymphoma Malignant TGLS = 3-2]

Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLS = 1-2.1]

Uterus

Bilateral

Cyst

Multifocal, Mild

[Cyst TGLS = 5-3]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 498 **TRT#:** 11 **SEX:** Female **DAY ON TEST:** 729
DOSE: 80 PPM **DISP:** Terminal Sacrifice **HISTO:** 21060100498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Brain - Cerebrum
Ear	Esophagus	Eye	Harderian Gland
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Lung - Bronchus	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Pituitary Gland
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Tongue	Trachea
Vagina			

MISSING

Lacrimal Gland	Larynx	Zymbal's Gland
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INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Focal, Minimal
Bone Marrow		Hyperplasia	Diffuse, Moderate
Clitoral Gland		Cyst	Multifocal, Mild
Intestine Large	Cecum	Lymphoma Malignant	
Intestine Small	Ileum	Lymphoma Malignant	
Kidney		Cyst	Moderate
		Lymphoma Malignant	
[Cyst TGLS = 5-2]			
Liver	Hepatocyte	Hepatocellular Carcinoma	
		Hypertrophy	Diffuse, Marked
		Lymphoma Malignant	
		Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 3-2.1]			
[Hypertrophy TGLS = 1,2-2]			
Lung		Lymphoma Malignant	
Lymph Node	Mandibular	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 498	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100498
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL#6-NULLIFIED BY TRIMMER	Mesenteric	Lymphoma Malignant	
Ovary		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-2]			
Thymus		Lymphoma Malignant	
Urinary Bladder		Lymphoma Malignant	
Uterus		Cyst	Multifocal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 499

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Bone - Sternum	Brain - Cerebellum
Brain - Cerebrum	Ear	Esophagus	Eye
Gallbladder	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland
Lung - Bronchus	Lymph Node - Mandibular	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Skeletal Muscle
Skin	Spinal Cord - Thoracic	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Tongue	Trachea	Urinary Bladder

MISSING

Adrenal Gland	Clitoral Gland	Larynx	Pituitary Gland
Zymbal's Gland			

INSUFFICIENT TISSUE

Vagina

OBSERVATIONS

Bone Marrow		Hyperplasia	Diffuse, Mild
Harderian Gland		Lymphoma Malignant	
Intestine Large	Cecum	Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Liver	Hepatocyte	Apoptosis	Marked
	Hepatocyte	Granuloma	Multifocal, Marked
		Hypertrophy	Diffuse, Marked
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Necrosis	Multifocal, Mild
		Pigmentation	Multifocal, Moderate
[Hypertrophy TGLS = 1,2-2+2.1]			
Lung		Lymphoma Malignant	
Lymph Node	Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-7]			
Ovary		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 499

TRT#: 11
DOSE: 80 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 21060100499

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Lymphoma Malignant	
Thymus		Lymphoma Malignant	
Uterus	Bilateral	Cyst	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 500

TRT#: 11

SEX: Female

DAY ON TEST: 729

DOSE: 80 PPM

DISP: Terminal Sacrifice

HISTO: 21060100500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel - Aorta	Bone - Femur	Brain - Cerebellum	Ear
Esophagus	Eye	Harderian Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lacrimal Gland	Larynx
Lung - Bronchus	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Peripheral Nerve	Salivary Glands
Skeletal Muscle	Skin	Spinal Cord - Thoracic	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Vagina	

MISSING

Gallbladder	Urinary Bladder	Zymbal's Gland
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex, Spindle Cell	Hyperplasia	Moderate
Bone	Sternum	Proliferation	Multifocal, Moderate
Bone Marrow		Hyperplasia	Diffuse, Moderate
Brain	Cerebrum	Mineralization	Multifocal, Minimal
Clitoral Gland		Cyst	Multifocal, Mild
Kidney		Inflammation	Subacute, Multifocal, Minimal
Liver		Granuloma	Multifocal, Moderate
	Hepatocyte	Hepatocellular Adenoma	
		Hypertrophy	Diffuse, Marked
		Infiltration Cellular	Lymphocytic, Multifocal, Mild
		Mixed Cell Focus	
		Pigmentation	Multifocal, Mild
[Hepatocellular Adenoma TGLS = 3-2.1]			
[Hypertrophy TGLS = 2-2]			
[Mixed Cell Focus TGLS = 1-2]			
Lymph Node	Mandibular	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 92002-04
Test Type: CHRONIC
Route: DOSED FEED
Species/Strain: Mouse/B6C3F1/NCTR

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Fumonisin B1
CAS Number: 116355-83-0

Date Report Requested: 10/19/2014
Time Report Requested: 01:42:31
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 500	TRT#: 11 DOSE: 80 PPM	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 21060100500
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ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Cyst	Mild
	Bilateral	Pigmentation	Multifocal, Mild
[Cyst TGLS = 5-7]			
Uterus		Cyst	Multifocal, Moderate
[Cyst TGLS = 4-7]	Bilateral		

PRIMARY CAUSE OF DEATH -

**** END OF REPORT ****