

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

C Number:	C50362
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Liver		Metamorphosis, Fatty	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Adenoma	
Lung		Inflammation, Granulomatous Focal	
Preputial gland		Cystic Ducts	
Skin	Chest	Neurilemoma, Malignant	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
Lung		Hyperplasia, Adenomatous Inflammation, Granulomatous Focal	
Spleen		Hematopoiesis	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Alveolar/Bronchiolar Carcinoma	
PRIMARY CAUSE OF DEATH			
		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Brain Kidney	Thalamus	Psammoma Bodies Nephrosis, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

Lung

Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Spleen		Lymphoma, Lymphocytic-Malignant Type	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney	Nephrosis, Nos
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Lung		Hyperplasia, Adenomatous	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Kidney Liver Lung	Centrilobular	Nephrosis, Nos Cytoplasmic Vacuolization Congestion, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_016	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Cytoplasmic Vacuolization	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 50000 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Lung		Alveolar/Bronchiolar Adenoma	
Unspecified	Multiple Organs Nos	Sarcoma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver	Centrilobular	Cytoplasmic Vacuolization	
		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_020	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 50000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Adenoma	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Spleen		Hematopoiesis	
Stomach	Pylorus	Adenomatous Polyp, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_021	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 50000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Lung		Hyperplasia, Adenomatous	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Intestine Small Kidney Lung	Mesentery Nos	Necrosis, Fat Nephrosis, Nos Alveolar/Bronchiolar Adenoma Congestion, Nos Hyperplasia, Adenomatous Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
Lung		Hyperplasia, Adenomatous	
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_026	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Kidney Liver Lung	Centrilobular	Nephrosis, Nos Cytoplasmic Vacuolization Alveolar/Bronchiolar Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_027	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Hyperplasia, Adenomatous	
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_029	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Small	Mesentery Nos Mesentery Nos	Necrosis, Fat Steatitis Nephrosis, Nos Hyperplasia, Adenomatous Inflammation, Granulomatous Focal	
Kidney			
Lung			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Alveolar/Bronchiolar Carcinoma Congestion, Nos Hyperplasia, Adenomatous Inflammation, Granulomatous	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_031	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Hyperplasia, Adenomatous	
Pancreas		Inflammation, Granulomatous Focal Cystic Ducts	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_033	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Carcinoma	
Lung		Alveolar/Bronchiolar Carcinoma	
Preputial gland		Cystic Ducts	
Spleen		Inflammation, Suppurative	
		Hematopoiesis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Carcinoma	
Lung		Congestion, Nos	
		Hepatocellular Carcinoma, Metastatic	
		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_035	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 50000 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma, Malignant	
Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia, Adenomatous	
		Pheochromocytoma, Metastatic	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_036	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_039	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Intestine Small	Peyers Patch	Inflammation, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_040	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Carcinoma	
Lung		Hepatocellular Carcinoma, Metastatic	
		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Thyroid		C-Cell Carcinoma	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Skin	Abdomen	Keloid	
	Abdomen	Ulcer, Chronic	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Intestine Small	Mesentery Nos	Necrosis, Fat	
Lymph node	Mesenteric Lymph Node	Hematopoiesis	
Spleen		Hematopoiesis	
Thyroid		Degeneration, Cystic	
Unspecified	Multiple Organs Nos	Hemangiosarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Liver	Centrilobular	Cytoplasmic Vacuolization	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 50000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_045	TRT#: 1	SEX: Male	DAY ON TEST:
	DOSE: 50000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid	
	Mesenteric Lymph Node	Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_046	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Mesentery Nos	Periarteritis	
Intestine Small		Periarteritis	
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Carcinoma	
Lung		Hepatocellular Carcinoma, Metastatic	
	Mesenteric Lymph Node	Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Lymph node		Hematopoiesis	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_047	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Epididymis		Inflammation, Chronic	
Kidney		Nephrosis, Nos	
Liver	Centrilobular	Cytoplasmic Vacuolization	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_048	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Hyperplasia, Adenomatous	
Mammary gland		Adenocarcinoma, Nos	
Unspecified	Multiple Organs Nos	Hematopoiesis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_049	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Liver		Inflammation, Focal	
Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_050	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Thyroid		Degeneration, Cystic	
Unspecified	Chest	Inflammation, Granulomatous	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Intestine Small Kidney	Peyers Patch	Hyperplasia, Lymphoid Nephrosis, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Preputial gland		Inflammation, Chronic Suppurative	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
Lung		Inflammation, Interstitial	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Calcification, Nos	
		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Carcinoma	
Preputial gland		Inflammation, Suppurative	
Skin	Chest	Inflammation, Chronic	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Adenoma	
Lung		Inflammation, Granulomatous Focal	
Skin		Inflammation, Chronic	
	Abdomen	Keloid	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Carcinoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart		Inflammation, Acute/Chronic	
Liver		Mixed Hepato/Cholangio Carcinoma	
Lung		Alveolar/Bronchiolar Carcinoma	
Unspecified	Multiple Organs Nos	Mixed Hepato/Cholangio Carcinoma, Metastatic	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_010	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 25000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver	Centrilobular	Cytoplasmic Vacuolization	
Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Lymph node	Mandibular Lymph Node	Mastocytosis	
Skin	Abdomen	Inflammation, Chronic	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Liver	Centrilobular	Cytoplasmic Vacuolization	
Skin		Inflammation, Chronic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
Lung		Proteinosis, Alveolar	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Intestine Small Kidney Liver	Mesentery Nos	Necrosis, Fat Nephrosis, Nos Inflammation, Focal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Skin	Abdomen	Inflammation, Chronic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Kidney Lung	Tubule	Dilatation, Nos Hyperplasia, Adenomatous	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Hyperplasia, Adenomatous	
Skin		Inflammation, Chronic	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_017	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 25000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Intestine Large	Anus Nos	Inflammation, Chronic	
	Rectum	Inflammation, Chronic	
	Rectum	Prolapse	
	Rectum	Ulcer, Chronic	
Kidney		Nephrosis, Nos	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Hyperplasia, Alveolar Epithelium	
	Bronchiole	Hyperplasia, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Adenoma	
Skin	Abdomen	Inflammation, Chronic	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 25000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Tubular-Cell Adenocarcinoma	
Lung		Tubular-Cell Adenocarcinoma, Metastatic	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Intestine Large	Cecum, Colon	Leiomyosarcoma	
Kidney		Nephrosis, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia, Alveolar Epithelium	
	Bronchiole	Hyperplasia, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Urinary bladder	Mucosa	Leiomyoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_023	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 25000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	
		Lymphoma, Histiocytic-Malignant Type	
Skin		Inflammation, Chronic	
Spleen		Hematopoiesis	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Liver	Centrilobular	Cytoplasmic Vacuolization	
Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_025	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 25000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 25000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
Unspecified	Chest	Rhabdomyosarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Papillary Cystadenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
Lung		Alveolar/Bronchiolar Adenoma	
		Hematopoiesis	
Spleen		Hematopoiesis	
Thyroid		Degeneration, Cystic	
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hemangiosarcoma Hepatocellular Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Spleen		Hemangiosarcoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_034	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 25000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Pancreas		Cystic Ducts	
		Inflammation, Chronic	
Preputial gland		Inflammation, Chronic Suppurative	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Small	Duodenum	Lymphoma, Lymphocytic-Malignant Type	
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Carcinoma	
Lung		Alveolar/Bronchiolar Carcinoma	
Lymph node	Mesenteric Lymph Node	Angiectasis	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Brain Kidney	Thalamus	Psammoma Bodies Nephrosis, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Hemangiosarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_038	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 25000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia, Adenomatous	
		Hyperplasia, Alveolar Epithelium	
	Bronchiole	Hyperplasia, Nos	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_039	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 25000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Carcinoma	
Lung		Congestion, Nos	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Liver		Cyst, Nos	
Pancreas		Cystic Ducts	
		Inflammation, Chronic	
Skin	Abdomen	Inflammation, Chronic	
	Abdomen	Keloid	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Hyperplasia, Adenomatous Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Skin		Inflammation, Chronic	
		Keloid	
		Ulcer, Chronic	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_044	TRT#: 2	SEX: Male	DAY ON TEST:
	DOSE: 25000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia, Alveolar Epithelium	
	Bronchiole	Hyperplasia, Nos	
Lymph node	Pancreatic Lymph Node	Hyperplasia, Lymphoid	
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Kidney Liver Thyroid	Centrilobular	Nephrosis, Nos Cytoplasmic Vacuolization Degeneration, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
Lymph node	Mesenteric Lymph Node	Angiectasis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephrosis, Nos

Skin

Head

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_001	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
Lung		Congestion, Nos	
		Hepatocellular Carcinoma, Metastatic	
		Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH			
		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Infarct, Nos	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Lung

Nephrosis, Nos

Hyperplasia, Adenomatous

Inflammation, Granulomatous Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Lung		Alveolar/Bronchiolar Carcinoma	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Kidney		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Kidney		Nephrosis, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Liver		Cytoplasmic Vacuolization	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Kidney		Nephrosis, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Kidney		Nephrosis, Nos
Lung		Hyperplasia, Adenomatous
		Undifferentiated Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Liver	Centrilobular	Cytoplasmic Vacuolization	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
Lymph node	Mesenteric Lymph Node	Hematopoiesis	
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Lymph node	Mesenteric Lymph Node	Angiectasis	
	Mesenteric Lymph Node	Hematopoiesis	
Unspecified	Lower Leg Nos	Neurofibrosarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Carcinoma	
		Infarct, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney	Nephrosis, Nos
Liver	Hepatocellular Carcinoma
Lung	Hyperplasia, Adenomatous
	Inflammation, Granulomatous Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Alveolar/Bronchiolar Adenoma Hyperplasia, Adenomatous Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

DOSE: 0

SEX: Male

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Lung

Hepatocellular Carcinoma

Hepatocellular Carcinoma, Metastatic

Hyperplasia, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Brain Lung	Thalamus	Psammoma Bodies Hyperplasia, Adenomatous Inflammation, Granulomatous Focal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain	Thalamus	Psammoma Bodies	
Kidney		Nephrosis, Nos	
Lymph node	Mesenteric Lymph Node	Angiectasis	
Skin		Ulcer, Chronic	
Spleen		Lymphoma, Histiocytic-Malignant Type	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_024	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Skin		Ulcer, Chronic	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Lung		Alveolar/Bronchiolar Adenoma	
Skin	Abdomen	Fibrosis	
	Abdomen	Inflammation, Chronic	
	Abdomen	Ulcer, Chronic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Lymph node	Mesenteric Lymph Node	Hematopoiesis	
Spleen		Hemangiosarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_030	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Lymphoid	
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Adenoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Alveolar/Bronchiolar Carcinoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Cyst, Nos
Unspecified	Abdomen	Fibrosarcoma
	Multiple Organs Nos	Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lymph node

Mesenteric Lymph Node

Lymphoma, Lymphocytic-Malignant Type

Unspecified

Chest

Fibroma

Abdomen

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Epididymis

Skin

Thyroid

Abdomen

Carcinoma, Nos

Ulcer, Chronic

Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Inflammation, Multifocal	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Lymph node	Mesenteric Lymph Node	Angiectasis	
Unspecified	Abdomen	Inflammation, Chronic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Lymph node

Unspecified

Mesenteric Lymph Node

Multiple Organs Nos

Hepatocellular Carcinoma

Angiectasis

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Spleen		Hyperplasia, Lymphoid	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_039	TRT#: 3 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Spleen		Hematopoiesis	
Unspecified	Abdomen	Sarcoma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hypoplasia, Hematopoietic	
Brain	Cerebrum	Hemorrhage	
Skin		Cyst, Epidermal Inclusion	
	Sebaceous Gland	Hyperplasia, Focal	
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

DOSE: 0

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver		Necrosis, Coagulative
Spleen		Hematopoiesis
Unspecified	Chest	Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
		Inflammation, Multifocal	
Lung		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Lymph node	Mesenteric Lymph Node	Angiectasis	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Harderian gland	Hardarian Gland	Adenoma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Small	Mesentery Nos	Steatitis	
Lymph node	Mesenteric Lymph Node	Lymphoma, Mixed-Malignant Type	
Parathyroid gland		Hyperplasia, Nos	
Preputial gland		Inflammation, Suppurative	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_046	TRT#: 3 DOSE: 0	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Urinary bladder	Submucosa	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: D-Mannitol

CAS Number: 69-65-8

Date Report Requested: 10/26/2014

Time Report Requested: 09:45:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Nephrosis, Nos	
Liver		Hepatocellular Carcinoma	
Lung		Hyperplasia, Adenomatous	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Alveolar/Bronchiolar Adenoma	
Lymph node	Mesenteric Lymph Node	Angiectasis	
Thyroid		Degeneration, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_049	TRT#: 3	SEX: Male	DAY ON TEST:
	DOSE: 0	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Lung		Alveolar/Bronchiolar Carcinoma	
		Hyperplasia, Adenomatous	
		Inflammation, Granulomatous Focal	
Lymph node	Mesenteric Lymph Node	Angiectasis	
	Mesenteric Lymph Node	Hematopoiesis	
Unspecified	Abdomen	Fibroma	
	Chest	Inflammation, Chronic	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50362
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: D-Mannitol
CAS Number: 69-65-8

Date Report Requested: 10/26/2014
Time Report Requested: 09:45:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050	TRT#: 3 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hepatocellular Carcinoma	
Lung		Hyperplasia, Alveolar Epithelium	
	Bronchiole	Hyperplasia, Nos	
Preputial gland		Inflammation, Suppurative	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH	-		

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE