

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

C Number:	C01990
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Adenoma
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1
DOSE: 2500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Thyroid

Alveolar/Bronchiolar Adenoma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Adenoma
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Carcinoma
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lymph node

Mesenteric Lymph Node

Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1
DOSE: 2500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid

Kupffer Cell

Hyperplasia, Focal
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1
DOSE: 2500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Cytoplasmic Vacuolization
	Megalocytosis
Thyroid	Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Follicle

Distention

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Adenoma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hemangioma

Lung

Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Adenoma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung
Thyroid

Alveolar/Bronchiolar Adenoma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Carcinoma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
	Centrilobular	Hypertrophy, Nos
	Centrilobular	Metamorphosis, Fatty

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Adenoma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Lung
Thyroid

Hepatocellular Carcinoma
Alveolar/Bronchiolar Adenoma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Carcinoma
Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hemangioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid
Unspecified
Urinary bladder

Adipose Tissue

Goiter, Adenomatous
Hemangioma
Hyperplasia, Epithelial
Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Lung

Hepatocellular Adenoma
Granuloma, Foreign Body

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Adenoma
Lung	Alveolar/Bronchiolar Adenoma
Thyroid	Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014

Time Report Requested: 12:19:31

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Goiter, Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Tubule

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Adenoma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Adenoma
	Sarcoma, Nos
Thyroid	Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Adenoma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Carcinoma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Adenoma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Thyroid		Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1
DOSE: 2500 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid

Hemangioma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Adenoma
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Liver
Thyroid

Peyers Patch

Hyperplasia, Lymphoid
Hepatocellular Adenoma
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung
Thyroid

Alveolar/Bronchiolar Adenoma
Goiter, Colloid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Liver
Thyroid

Peyers Patch

Hyperplasia, Lymphoid
Calcification, Focal
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Adenoma
Lung	Alveolar/Bronchiolar Adenoma
Thyroid	Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Hemangioma
Urinary bladder	Hepatocellular Adenoma
	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_101

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Stomach
Thyroid

Inflammation, Acute
Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_102

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveoli	Hemorrhage
------	---------	------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_104

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hypertrophy, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_106

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_107

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Thyroid

Alveolar/Bronchiolar Adenoma
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_108

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_109

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid

Hemangioma
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_110

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid

Follicle

Hypertrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_111

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_112

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_113

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Thyroid
Unspecified
Urinary bladder

Multiple Organs Nos

Goiter, Adenomatous
Hemangiosarcoma
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014

Time Report Requested: 12:19:31

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_114

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Nematodiasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_115

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_117

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_118

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_120

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_122

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver Inflammation, Acute Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_123

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Urinary bladder

Hepatocellular Carcinoma
Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_124

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatocellular Adenoma
Lung	Alveolar/Bronchiolar Adenoma
Thyroid	Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_126

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_127

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_128

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hemangioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_131

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver Hepatocellular Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_132

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_133

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid

Hepatocellular Carcinoma
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_134

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_135

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_136

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung
Thyroid

Alveolar/Bronchiolar Adenoma
Goiter, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_137

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_138

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_140

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_141

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lymph node

Mesenteric Lymph Node

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_142

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver Hepatocellular Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_143

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hemangiosarcoma
Lung	Hemangiosarcoma, Metastatic
Pancreas	Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_144

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung
Thyroid

Inflammation, Acute Focal
Hyperplasia, Papillary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_145

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Preputial gland

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_146

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Spleen

Thyroid

Unspecified

Multiple Organs Nos

Erythropoiesis

Hyperplasia, Papillary

Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_147

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_148

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Preputial gland
Thyroid

Cyst, Nos
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_149

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Stomach

Cytoplasmic Change, Basophilic
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_150

TRT#: 2
DOSE: 1250 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Groin

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_204

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver

Bile Duct

Hepatocellular Adenoma
Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_205

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_210

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_212

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Skin	Sebaceous Gland	Hyperplasia, Nos
Unspecified		Abscess, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_213

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Glomerulus	Sclerosis
Liver		Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_214

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver Hepatocellular Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_215

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid

Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C01990
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 4,4'-Methylenebis(N,N-dimethyl)benzenamine
CAS Number: 101-61-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:19:31
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_220

TRT#: 3
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Stomach

Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****