

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: 13:35:35
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:	Female

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_051

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Perivasculitis

Liver

Hepatocellular 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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Adenoma
Spleen	Hyperplasia, Lymphoid

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_054

TRT#: 1

SEX: Female

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_055

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_056

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Goiter, Adenomatous

Urinary bladder

Inflammation, Chronic

Uterus

Endometrium

Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_057

TRT#: 1
DOSE: 2500 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Ovary

Bile Duct

Hyperplasia, Focal
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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_058

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_059

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Thyroid
Urinary bladder

Nephrosis, Hydro
Goiter, Adenomatous
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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_060

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum, Ileum

Lymphoma, Nos-Malignant

Liver

Hepatocellular Adenoma

Thyroid

Goiter, Adenomatous

Uterus

Endometrium

Inflammation, Suppurative

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_061

TRT#: 1
DOSE: 2500 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid
Urinary bladder
Uterus

Endometrium
Endometrium

Necrosis, Focal
Goiter, Adenomatous
Inflammation, Chronic
Hyperplasia, Cystic
Inflammation, Suppurative

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hemangioma
Lymph node	Mesenteric Lymph Node	Inflammation, Acute/Chronic
Stomach		Inflammation, Chronic
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_063

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Hemangiosarcoma

Spleen

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_064

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Urinary bladder		Inflammation, Chronic
Uterus	Endometrium	Inflammation, Suppurative

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_065

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_066

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_067

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephrosis, Hydro
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Spleen		Lymphoma, Histiocytic-Malignant Type
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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_068

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Inflammation, Suppurative

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_069

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Eosinophilic
Spleen		Hyperplasia, Lymphoid
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Eosinophilic Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Female

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_073

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Eosinophilic Hepatocellular Adenoma
Ovary	Cyst, Nos
Thyroid	Goiter, Adenomatous
Urinary bladder	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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_074

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Uterus	Endometrium	Inflammation, Suppurative

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_075

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Eosinophilic
Salivary gland		Inflammation, Chronic
Thyroid		Hyperplasia, Papillary
		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_076

TRT#: 1

SEX: Female

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_077

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Change, Eosinophilic
Thyroid	Goiter, Adenomatous
Uterus	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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_078

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Goiter, Adenomatous

Uterus

Endometrium

Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_079

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid
Urinary bladder
Uterus

Endometrium

Goiter, Adenomatous
Inflammation, Chronic
Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_080

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Urinary bladder		Inflammation, Chronic
Uterus	Endometrium	Inflammation, Suppurative

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_081

TRT#: 1
DOSE: 2500 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Harderian gland
Ovary
Thyroid

Hardarian Gland

Papillary Cystadenoma, Nos
Cyst, Hemorrhagic
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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_082

TRT#: 1

SEX: Female

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver
Thyroid
Urinary bladder

Hepatocellular Adenoma
Goiter, Adenomatous
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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_084

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocellular Adenoma
Ovary	Angiectasis
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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_085

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Eosinophilic Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_086

TRT#: 1
DOSE: 2500 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Nephrosis, Hydro
Spleen		Hematopoiesis
Thyroid		Goiter, Adenomatous
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus		Leiomyosarcoma

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_087

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Inflammation, Suppurative

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_088

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_089

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Eosinophilic
Thyroid		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_091

TRT#: 1
DOSE: 2500 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid
Uterus

Endometrium

Goiter, Adenomatous
Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_092

TRT#: 1

SEX: Female

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_093

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_096

TRT#: 1

SEX: Female

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_097

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_098

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Thyroid

Unspecified

Multiple Organs Nos

Pheochromocytoma

Goiter, Adenomatous

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_099

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_100

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 2500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Cortex	Perivascular Cuffing
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_151

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_152

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_153

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_154

TRT#: 2

SEX: Female

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_156

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Thyroid		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_157

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Ovary		Cyst, Nos
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_158

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Eosinophilic
Thyroid		Hyperplasia, Papillary
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_159

TRT#: 2

SEX: Female

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_160

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Spleen		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_161

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Pancreatic Lymph Node	Inflammation, Granulomatous
Thyroid		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_162

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Mammary gland		Adenocarcinoma, Nos
Ovary		Cyst, Nos
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_163

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_164

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
Thyroid	Follicle	Distention
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_165

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid

Necrosis, Nos
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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_166

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary
Thyroid
Urinary bladder
Uterus

Endometrium

Cyst, Nos
Goiter, Adenomatous
Inflammation, Chronic Focal
Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_167

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_168

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Ovary
Thyroid

Capsule

Cortical Carcinoma
Cortical Carcinoma, Metastatic
Cyst, Nos
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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_169

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_170

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary
Thyroid
Uterus

Endometrium

Cyst, Nos
Goiter, Adenomatous
Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_171

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Lymph node	Pancreatic Lymph Node	Hyperplasia, Nos
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_172

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary
Thyroid
Uterus

Endometrium

Cyst, Nos
Goiter, Adenomatous
Hemangioma
Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_173

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid
Uterus

Goiter, Adenomatous
Hydrometra

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_174

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Uterus

Hydrometra

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_175

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
		Lymphoma, Nos-Malignant
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_176

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Unspecified

Hepatocellular Adenoma
Lymphoma, Nos-Malignant

Multiple Organs 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: 13:35:35
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_177

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Hyperplasia, Papillary
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_178

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatocellular Adenoma
Thyroid	Goiter, Adenomatous
Uterus	Angiectasis
Endometrium	Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_179

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_180

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary
Thyroid
Urinary bladder
Uterus

Cyst, Parovarian
Hyperplasia, Papillary
Inflammation, Chronic Focal
Hydrometra

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_181

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid
Uterus

Endometrium

Goiter, Adenomatous
Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_182

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid
Uterus

Endometrium

Goiter, Adenomatous
Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_183

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_184

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid
Urinary bladder

Hepatocellular Adenoma
Goiter, Adenomatous
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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_185

TRT#: 2

SEX: Female

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_186

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small

Peyers Patch

Hyperplasia, 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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_187

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatocellular Adenoma
Thyroid	Goiter, Adenomatous
Uterus	Endometrium Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_188

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Interstitial

Lung

Alveolar/Bronchiolar Adenoma

Ovary

Cyst, Nos

Uterus

Endometrium

Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_189

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid
Unspecified

Multiple Organs Nos

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_190

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Unspecified

Mediastinum Nos

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_191

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid

Cytoplasmic Change, Eosinophilic
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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_192

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Goiter, Adenomatous

Urinary bladder

Inflammation, Chronic Focal

Uterus

Endometrium

Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_193

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Lymphoma, Nos-Malignant
Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_194

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lymph node

Mediastinal Lymph Node

Hyperplasia, Nos

Pancreas

Mesenteric Lymph Node

Inflammation, Granulomatous

Thyroid

Inflammation, Granulomatous

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_195

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Congestion, Acute Passive

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_196

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Cytoplasmic Change, Basophilic

Hepatocellular Adenoma

Uterus

Endometrium

Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_197

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 1250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic Hepatocellular Adenoma
Thyroid		Goiter, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_198

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lymph node
Thyroid
Urinary bladder

Mesenteric Lymph Node
Follicle

Hyperplasia, Lymphoid
Distention
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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_200

TRT#: 2
DOSE: 1250 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid
Uterus

Endometrium

Goiter, Adenomatous
Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_221

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_222

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Bronchiole

Atelectasis

Bronchiolectasis

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_223

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary
Urinary bladder

Cyst, Nos
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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_224

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrium

Lymphoma, Nos-Malignant
Inflammation, Suppurative

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_225

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_226

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Uterus

Hydrometra

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_227

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Bronchus	Inflammation, Chronic Perivasculitis
Ovary		Cyst, Nos
Uterus	Endometrium	Hyperplasia, Cystic
	Endometrium	Inflammation, Suppurative

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_229

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Uterus

Endometrium

Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_230

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_231

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_232

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_233

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Bile Duct	Inflammation, Chronic
Uterus	Endometrium	Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_235

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Uterus

Endometrium

Hyperplasia, Cystic

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_236

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Ovary

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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_238

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Stomach	Mucosa	Necrosis, 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: 13:35:36
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_239

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Urinary bladder

Muscularis

Metamorphosis, Fatty
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: 13:35:36

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_240

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Ovary

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE