

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

C Number: C50442
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Female

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung		Inflammation, Interstitial
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Lymphoid
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar/Bronchiolar Adenoma Hyperplasia, Alveolar Epithelium
	Bronchiole	Hyperplasia, Nos
Spleen		Angiectasis
		Hyperplasia, Reticulum Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1
DOSE: 1200 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Femur	Fibrous Osteodystrophy
Lung		Hyperplasia, Adenomatous
Thyroid	Follicle	Hyperplasia, Cystic
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung

Foreign Body, Reaction
Hyperplasia, Adenomatous
Inflammation, Acute/Chronic
Hyperplasia, Cystic

Uterus

Endometrial Gland

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1
DOSE: 1200 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Carcinoma
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrial Gland

Hyperplasia, Lymphoid
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous Inflammation, Acute/Chronic
Thyroid		Cystic Follicles
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Alveolar Epithelium
Thyroid		Cystic Follicles
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small
Lung

Mesentery Nos

Hemorrhage
Alveolar/Bronchiolar Adenoma
Hyperplasia, Adenomatous

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Alveolar Epithelium
Thyroid		Cystic Follicles
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

Hemangioma

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Lymphoma, Histiocytic-Malignant Type
Ovary		Cystic Follicles
Unspecified	Multiple Organs Nos	Hematopoiesis
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Angiectasis
Lung		Foreign Body, Reaction
		Hyperplasia, Adenomatous
Ovary		Cystic Follicles
Thyroid		Cystic Follicles
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017

TRT#: 1
DOSE: 1200 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Thyroid		Cystic Follicles
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Alveolar Epithelium
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1
DOSE: 1200 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Thyroid

Follicle

Atrophy, Focal
Cystic Follicles

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1
DOSE: 1200 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Alveolar Epithelium
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Lung

Pheochromocytoma
Hyperplasia, Alveolar Epithelium
Pneumonia, Aspiration

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Thyroid		Cystic Follicles
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Unspecified

Uterus

Multiple Organs Nos

Endometrial Gland

Cystic Follicles

Hyperplasia, Lymphoid

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Thyroid

Cystic Follicles

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Thyroid		Cystic Follicles
Uterus	Endometrial Gland	Inflammation, Suppurative Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028

TRT#: 1
DOSE: 1200 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma Hyperplasia, Alveolar Epithelium
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Alveolar Epithelium
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Thyroid	Follicle	Hyperplasia, Cystic
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung
Thyroid

Hyperplasia, Adenomatous
Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram

CAS Number: 137-30-4

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Thyroid	Follicle	Hyperplasia, Cystic
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Thyroid		Cystic Follicles
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Thyroid	Follicle	Hyperplasia, Cystic
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung

Alveolar/Bronchiolar Adenoma
Alveolar/Bronchiolar Carcinoma
Hyperplasia, Adenomatous

Mammary gland

Adenocarcinoma, Nos

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Alveolar Epithelium
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma Hyperplasia, Adenomatous
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Angiectasis
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Adenomatous
Ovary		Cystic Follicles
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma Hyperplasia, Adenomatous
Mammary gland		Adenocarcinoma, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041

TRT#: 1
DOSE: 1200 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Skin		Granulation Tissue
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042

TRT#: 1
DOSE: 1200 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung		Hyperplasia, Adenomatous Inflammation, Granulomatous Focal
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1
DOSE: 1200 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma Hyperplasia, Adenomatous
Thyroid		Cystic Follicles Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Lung

Uterus

Endometrial Gland

Cytoplasmic Vacuolization

Bronchopneumonia Suppurative

Hyperplasia, Alveolar Epithelium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Thyroid	Follicle	Hyperplasia, Cystic
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Thyroid		Cystic Follicles
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_048

TRT#: 1
DOSE: 1200 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 1200 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Lung		Hyperplasia, Adenomatous
Ovary		Hemangioma
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Lung		Hyperplasia, Adenomatous
Spleen		Hemangiosarcoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Lung

Mesentery Nos

Necrosis, Fat
Hyperplasia, Adenomatous
Inflammation, Granulomatous Focal

Lymph node

Mandibular Lymph Node
Mesenteric Lymph Node

Edema, Nos
Hyperplasia, Lymphoid

Pancreas

Acinus

Atrophy, Nos
Cystic Ducts

Skin

Ulcer, Nos

Spleen

Hematopoiesis

Unspecified

Inflammation, Chronic Focal

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatocellular Carcinoma
Lung	Perivascular Cuffing
Thyroid	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Alveolar Epithelium
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Unspecified	Multiple Organs Nos	Sarcoma, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Alveolar Epithelium
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Atrophy, Nos
Intestine Small	Mesentery Nos	Hemangiosarcoma, Metastatic
Spinal cord		Hemangiosarcoma, Metastatic
Spleen		Hemangiosarcoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Lymphoma, Histiocytic-Malignant Type
Mammary gland		Adenocarcinoma, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung Hyperplasia, Adenomatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Pituitary gland
Spleen
Unspecified

Mediastinum Nos

Fibrosis, Myelo
Adenoma, Nos
Hemangioma
Hemangioma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Lung
Uterus

Peyers Patch

Endometrial Gland

Hyperplasia, Lymphoid
Hyperplasia, Alveolar Epithelium
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Uterus

Mesentery Nos
Endometrial Gland

Lipoma
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrial Gland

Hyperplasia, Lymphoid
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Lymphocytic Inflammatory Infiltrate
Lung	Hyperplasia, Adenomatous
Uterus	Endometrial Gland Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Lung

Mesentery Nos

Lymphoma, Mixed-Malignant Type
Alveolar/Bronchiolar Carcinoma
Hyperplasia, Adenomatous
Hyperplasia, Cystic

Uterus

Endometrial Gland

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
	Bronchus	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Alveolar Epithelium
Ovary		Abscess, Chronic
Skeletal muscle	Abdominal Muscle	Inflammation, Chronic Suppurative
Uterus	Endometrium	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Pneumonia, Chronic Murine
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Endometrium	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Hypertrophy, Nos
Lung		Hyperplasia, Adenomatous
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Spleen		Hemangioma
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Inflammation, Granulomatous Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
		Perivascular Cuffing
Pancreas	Islets	Islet-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Thyroid		Cystic Follicles
Urinary bladder		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain
Uterus

Endometrial Gland

Malacia
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lymph node
Uterus

Mesenteric Lymph Node
Endometrial Gland

Hyperplasia, Lymphoid
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Focal Cellular Change
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
	Bronchus	Hyperplasia, Lymphoid
Thyroid		Degeneration, Cystic
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Hyperplasia, Adenomatous
Ovary	Inflammation, Suppurative
Peritoneum	Inflammation, Acute/Chronic
Uterus	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 600 PPM

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Spleen		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram

CAS Number: 137-30-4

Date Report Requested: 10/26/2014

Time Report Requested: 10:51:52

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Ileum

Mucinous Adenocarcinoma

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Alveolar/Bronchiolar Adenoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Corpora Amylacea
Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Fallopian Tube	Papillary Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Lung

Mesentery Nos

Necrosis, Fat
Hyperplasia, Adenomatous
Sarcoma, Nos, Metastatic
Inflammation, Chronic
Sarcoma, Nos

Pancreas
Skeletal muscle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Corpora Amylacea
Liver		Hepatocellular Adenoma
Lung		Hyperplasia, Adenomatous
Stomach	Submucosa	Inflammation, Acute/Chronic
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Corpora Amylacea
Lung		Hyperplasia, Adenomatous
		Inflammation, Pyogranulomatous
		Pigmentation, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Bile Duct Carcinoma Hepatocellular Carcinoma Necrosis, Coagulative
Lung		Hyperplasia, Alveolar Epithelium
Skin		Hemangioma
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Hematopoietic
Gall bladder		Hyperplasia, Epithelial
Intestine Small	Mesentery Nos	Necrosis, Fat
Lung		Hyperplasia, Adenomatous
Thyroid		Degeneration, Cystic
Unspecified	Abdominal Cavity	Follicular-Cell Adenoma
Uterus	Endometrium	Inflammation, Suppurative
		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Corpora Amylacea
Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Thyroid
Uterus

Peyers Patch

Endometrial Gland

Hyperplasia, Lymphoid
Degeneration, Cystic
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrial Gland

Leukemia, Lymphocytic
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_015

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Corpora Amylacea
Liver		Hepatocellular Adenoma
Ovary		Cystic Follicles
Spleen		Lymphoma, Nos-Malignant
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Lung		Hyperplasia, Adenomatous
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_017

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

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: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Skin		Inflammation, Chronic
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Lung
Pancreas

Mesentery Nos

Necrosis, Fat
Hyperplasia, Adenomatous
Edema, Nos
Inflammation, Acute/Chronic

Skin
Uterus

Dermis
Endometrial Gland

Fibrosis
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Lung
Peritoneum
Uterus

Mesentery Nos

Inflammation, Chronic Suppurative
Alveolar/Bronchiolar Adenoma
Inflammation, Suppurative
Endometrial Stromal Polyp
Hyperplasia, Cystic
Inflammation, Suppurative

Endometrial Gland
Endometrium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Alveolar/Bronchiolar Carcinoma
Hyperplasia, Alveolar Epithelium
Inflammation, Suppurative

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Inflammation, Interstitial
Peritoneum		Inflammation, Acute/Chronic
Uterus		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic
	Endometrium	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_024

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: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrial Gland

Leukemia, Lymphocytic
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Lung		Hyperplasia, Adenomatous
		Inflammation, Focal
Ovary		Cyst, Follicular Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Inflammation, Suppurative
Lung		Hyperplasia, Adenomatous
Ovary		Abscess, Nos
Uterus	Endometrium	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Lung		Hyperplasia, Adenomatous
Skin		Inflammation, Chronic
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 0

SEX: Female
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous Inflammation, Focal
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_032

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood		Leukemoid Reaction
Bone marrow		Hyperplasia, Neutrophilic
Kidney		Inflammation, Necrotizing
Lymph node	Lumbar Lymph Node	Hyperplasia, Plasma Cell
Pancreas		Inflammation, Necrotizing
Peritoneum		Inflammation, Chronic Suppurative
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_033

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Hyperplasia, Adenomatous
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Thyroid
Uterus

Cortex Nos

Endometrium

Cyst, Nos
Degeneration, Cystic
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_036

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified
Uterus

Multiple Organs Nos
Endometrial Gland

Leukemia, Lymphocytic
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037

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: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Skin		Inflammation, Chronic
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_039

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Alveolar/Bronchiolar Carcinoma, Metastatic
Lung		Alveolar/Bronchiolar Carcinoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Interstitial
Liver		Hepatocellular Adenoma
Lung		Hyperplasia, Adenomatous
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_041

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Uterus

Endometrium

Hyperplasia, Cystic
Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Reticulum Cell
Liver		Hepatocellular Adenoma
Lung		Hyperplasia, Adenomatous
		Inflammation, Focal
Ovary		Cyst, Follicular Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Uterus

Endometrium

Hyperplasia, Cystic
Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Adenoma
Spleen		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Sarcoma, Nos, Metastatic
Spleen		Hematopoiesis
Thyroid		Atrophy, Senile
Unspecified	Multiple Organs Nos	Sarcoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_046

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Thalamus	Psammoma Bodies
Lung		Hyperplasia, Adenomatous
		Inflammation, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_047

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hematopoiesis
Ovary		Inflammation, Suppurative
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Hepatocellular Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 0

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung		Inflammation, Granulomatous Focal
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50442
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Ziram
CAS Number: 137-30-4

Date Report Requested: 10/26/2014
Time Report Requested: 10:51:52
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung
Mammary gland
Pituitary gland
Thyroid

Inflammation, Multifocal
Cystic Ducts
Carcinoma, Nos
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****