

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

C Number:	C02302
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Female

ANIMAL ID: 1_051	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
		Hepatocellular Carcinoma	
Lung		Inflammation, Granulomatous Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_052	TRT#: 1	SEX: Female	DAY ON TEST:
	DOSE: 250 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Fibrosis, Cholangio	
		Focal Cellular Change	
Mammary gland		Carcinoma, Nos	
		Fibroadenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_053	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Kidney		Inflammation, Chronic	
Liver		Fibrosis, Cholangio	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_054	TRT#: 1	SEX: Female	DAY ON TEST:
	DOSE: 250 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Angiectasis	
		Focal Cellular Change	
Mammary gland		Cystadenocarcinoma, Nos	
Pituitary gland		Chromophobe Adenoma	
Unspecified		Fibroma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_055	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_056	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone	Rib	Osteosarcoma	
Heart	Myocardium Nos	Fibrosis	
Kidney		Fibrosis	
Mammary gland		Fibroadenoma	
Uterus		Endometrial Stromal Polyp	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_057	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Degeneration, Cystic	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_058	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Pituitary gland		Chromophobe Adenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_059	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Lung		Hyperplasia, Adenomatous	
Mammary gland		Adenoma, Nos	
		Fibroadenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_060	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Mammary gland		Fibroadenoma	
Uterus		Endometrial Stromal Polyp	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_061	TRT#: 1	SEX: Female	DAY ON TEST:
	DOSE: 250 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
Kidney		Inflammation, Chronic	
Liver		Angiectasis	
		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus		Endometrial Stromal Polyp	
	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_062	TRT#: 1	SEX: Female	DAY ON TEST:
	DOSE: 250 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
		Neoplastic Nodule	
Skin		Cyst, Epidermal Inclusion	
Unspecified		Fibroma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
Vagina		Leiomyosarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_063	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Pancreas		Acinar-Cell Adenoma	
Uterus		Endometrial Stromal Sarcoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

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

ANIMAL ID: 1_064	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Adenoma, Nos	
		Fibroadenoma	
Pituitary gland		Chromophobe Adenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_065	TRT#: 1	SEX: Female	DAY ON TEST:
	DOSE: 250 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
		Sarcoma, Nos	
Liver		Cytoplasmic Change, Basophilic	
		Fibrosis, Cholangio	
		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus		Endometrial Stromal Polyp	
	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_066	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Mammary gland		Adenoma, Nos	
		Fibroadenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_067	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Basophilic	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_068	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Carcinosarcoma	
Pituitary gland		Adenoma, Nos	
Unspecified	Abdominal Cavity	Granuloma, Lipo	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_069	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Tubule	Degeneration, Cystic	
Kidney		Degeneration, Hyaline	
		Inflammation, Chronic	
Liver		Focal Cellular Change	
	Pleura Nos	Hepatocellular Carcinoma	
Lung		Alveolar/Bronchiolar Carcinoma	
		Alveolar/Bronchiolar Carcinoma, Metastatic	
Mammary gland		Cystadenoma, Nos	
Pancreas	Endometrium	Acinar-Cell Adenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus		Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_070	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Lung		Inflammation, Interstitial	
Mammary gland		Fibroadenoma	
Urinary bladder		Papilloma, Nos	
Uterus	Endometrium	Fibrosis	
	Endometrium	Hyperplasia, Cystic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_071	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_072	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Pituitary gland		Adenoma, Nos	
Urinary bladder		Inflammation, Chronic Focal	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_073	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Inflammation, Chronic Focal	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_074	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Degeneration, Cystic	
Intestine Small	Mesentery Nos	Lipoma	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Carcinoma, Nos	
		Hyperplasia, Cystic	
Pituitary gland		Chromophobe Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_075	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Inflammation, Interstitial	
Mammary gland		Adenoma, Nos	
		Carcinoma, Nos	
Pituitary gland		Acidophil Adenoma	
Unspecified		Sarcoma, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_076	TRT#: 1	SEX: Female	DAY ON TEST:
	DOSE: 250 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Degeneration, Cystic	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Angiectasis	
		Focal Cellular Change	
Mammary gland		Adenoma, Nos	
		Cystadenoma, Nos	
		Papillary Adenocarcinoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_077	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Unspecified		Fibroma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_078	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Hyperplasia, Cystic	
Thyroid		Hyperplasia, C Cell	
Unspecified		Fibroma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_079	TRT#: 1	SEX: Female	DAY ON TEST:
	DOSE: 250 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Lung		Inflammation, Interstitial	
Mammary gland		Fibroadenoma	
Pituitary gland		Chromophobe Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_080	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Unspecified		Fibroma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_081	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Uterus		Leiomyosarcoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_082	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Hyperplasia, Adenomatous	
Mammary gland		Fibroadenoma	
Pancreas		Acinar-Cell Adenoma	
Unspecified		Fibroma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_083	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Unspecified		Fibroma	
		Lipoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_084	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Adenoma, Nos	
		Fibroadenoma	
Ovary		Cyst, Nos	
Thymus		Cyst, Epidermal Inclusion	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_085	TRT#: 1	SEX: Female	DAY ON TEST:
	DOSE: 250 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
		Papillary Cystadenoma, Nos	
Pituitary gland		Acidophil Adenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_086	TRT#: 1	SEX: Female	DAY ON TEST:
	DOSE: 250 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
		Neoplastic Nodule	
Lung		Alveolar/Bronchiolar Carcinoma	
Mammary gland		Adenoma, Nos	
		Fibroadenoma	
Unspecified		Fibroma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_087	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Hepatocellular Carcinoma	
Lung		Hepatocellular Carcinoma, Metastatic	
Lymph node	Mesenteric Lymph Node	Hepatocellular Carcinoma, Metastatic	
Mammary gland		Adenoma, Nos	
Ovary	Mesovarium	Hepatocellular Carcinoma, Metastatic	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_088	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Mammary gland		Cystadenocarcinoma, Nos	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/F344

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Lab: NA

ANIMAL ID: 1_089	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Basophilic	
Lung		Inflammation, Interstitial	
Mammary gland		Adenoma, Nos	
		Fibroadenoma	
Pituitary gland		Chromophobe Adenoma	
Skin		Cyst, Epidermal Inclusion	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_090	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Adenocarcinoma, Nos	
		Cystadenoma, Nos	
Thymus		Hyperplasia, Epithelial	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_091	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Cystadenoma, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_092	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Adenoma, Nos	
		Cystadenoma, Nos	
Pituitary gland		Chromophobe Adenoma	
Unspecified		Hyperplasia, Nos	
Uterus		Endometrial Stromal Polyp	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_093	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Uterus	Endometrium	Endometrial Stromal Polyp	
		Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_094	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Basophilic	
		Focal Cellular Change	
Lung		Inflammation, Interstitial	
Mammary gland		Fibroadenoma	
Unspecified		Fibroma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014

Time Report Requested: 11:37:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_095

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Lung		Alveolar/Bronchiolar Carcinoma
Mammary gland		Fibroadenoma
Urinary bladder		Inflammation, Chronic Focal
Uterus	Endometrium	Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_096	TRT#: 1	SEX: Female	DAY ON TEST:
	DOSE: 250 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
		Neoplastic Nodule	
Mammary gland		Fibroadenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1_097	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Pituitary gland		Chromophobe Adenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_098	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Lung		Inflammation, Interstitial	
Mammary gland		Adenocarcinoma, Nos	
		Adenoma, Nos	
Pituitary gland		Carcinoma, Nos	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_099	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Inflammation, Chronic	
Kidney		Inflammation, Chronic	
Liver		Angiectasis	
		Focal Cellular Change	
Lung		Inflammation, Interstitial	
Mammary gland		Fibroadenoma	
Pancreas	Islets	Islet-Cell Adenoma	
Thyroid		C-Cell Adenoma	
Unspecified		Fibroma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_100	TRT#: 1 DOSE: 250 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Lung		Inflammation, Interstitial	
Mammary gland		Adenoma, Nos	
Pituitary gland		Chromophobe Adenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_151	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Unspecified		Hemangioma	
Urinary bladder		Hyperplasia, Epithelial	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_152	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos Myocardium Nos	Degeneration, Nos Fibrosis	
Kidney		Inflammation, Chronic	
Lung		Inflammation, Interstitial	
Unspecified		Fibrosarcoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus		Endometrial Stromal Polyp	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_153	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Pituitary gland		Chromophobe Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_154	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_155	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos Myocardium Nos	Degeneration, Nos Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Cytoplasmic Change, Basophilic Focal Cellular Change	
Mammary gland		Adenocarcinoma, Nos Cystadenoma, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_156	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Mammary gland		Fibroadenoma	
Pituitary gland		Chromophobe Adenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_157	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Necrosis, Hemorrhagic	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Adenoma, Nos	
		Hyperplasia, Cystic	
Pituitary gland		Carcinoma, Nos	
Stomach		Ulcer, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_158	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Fibrosis, Cholangio	
Mammary gland		Fibroadenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_159	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Inflammation, Necrotizing	
Pituitary gland		Carcinoma, Nos	
Thyroid		Hyperplasia, C Cell	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_160	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Degeneration, Cystic	
Heart	Myocardium Nos	Fibrosis	
Kidney	Tubule	Degeneration, Nos	
		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Mammary gland		Adenoma, Nos	
		Fibroadenoma	
Pituitary gland		Adenoma, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_161	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Degeneration, Hyaline	
		Inflammation, Chronic	
Liver		Fibrosis, Cholangio	
Mammary gland		Fibroadenoma	
Spleen		Hemangiosarcoma	
Unspecified		Fibrosarcoma	
Uterus		Endometrial Stromal Polyp	
	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014

Time Report Requested: 11:37:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_162

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 125 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
Mammary gland		Cystadenocarcinoma, Nos
		Fibroadenoma
Pituitary gland		Acidophil Adenoma
Unspecified		Fibroma
Uterus	Endometrium	Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014

Time Report Requested: 11:37:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_163

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 125 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Mammary gland

Uterus

Inflammation, Chronic

Fibroadenoma

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_164	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Metamorphosis, Fatty	
Kidney		Cyst, Nos	
		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Inflammation, Interstitial	
Lymph node		Hyperplasia, Nos	
Mammary gland		Fibroadenoma	
Pituitary gland		Chromophobe Adenoma	
Thyroid		C-Cell Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014

Time Report Requested: 11:37:54

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_165	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Intestine Small	Duodenum	Inflammation, Chronic Necrotizing	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
		Inflammation, Necrotizing	
Lung		Alveolar/Bronchiolar Carcinoma	
Mammary gland		Papillary Adenocarcinoma	
Ovary		Granulosa-Cell Tumor	
Pituitary gland		Carcinoma, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_166	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pituitary gland		Chromophobe Adenoma	
Unspecified		Fibroma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:54
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_167	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos Myocardium Nos	Degeneration, Nos Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Fibrosis, Cholangio Focal Cellular Change	
Lung		Inflammation, Interstitial	
Mammary gland		Fibroadenoma	
Pituitary gland		Chromophobe Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_168	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Lung		Inflammation, Interstitial	
Mammary gland		Cystadenoma, Nos	
		Fibroadenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_169	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Carcinoma	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Lung		Inflammation, Interstitial	
Pituitary gland		Chromophobe Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_170	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Adenoma, Nos	
Skin		Papilloma, Nos	
Uterus		Endometrial Stromal Polyp	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_171	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Alveolar/Bronchiolar Carcinoma	
Mammary gland		Adenocarcinoma, Nos	
		Fibroadenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_172	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Mammary gland		Adenoma, Nos	
		Fibroadenoma	
Pituitary gland		Chromophobe Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_173	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Fibrosis, Cholangio	
		Focal Cellular Change	
Mammary gland		Adenoma, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_174	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Skin	Head	Squamous Cell Carcinoma	
Uterus		Endometrial Stromal Polyp	
	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_175	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Nos	
Heart	Myocardium Nos	Degeneration, Nos	
	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
	Bile Duct	Hyperplasia, Nos	
Lung		Inflammation, Interstitial	
Mammary gland		Adenoma, Nos	
		Fibroadenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_176	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Stomach		Cyst, Epidermal Inclusion	
Unspecified		Fibroma	
		Fibrosarcoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_177	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Degeneration, Cystic	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
	Bile Duct	Hyperplasia, Nos	
		Inflammation, Necrotizing	
Mammary gland		Fibroadenoma	
Pituitary gland		Chromophobe Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_178	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
	Tubule	Necrosis, Nos	
Liver	Bile Duct	Hyperplasia, Nos	
Mammary gland		Fibroadenoma	
Pituitary gland		Adenoma, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_179	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
	Myocardium Nos	Fibrosis	
Liver		Focal Cellular Change	
	Bile Duct	Hyperplasia, Nos	
Lung		Inflammation, Interstitial	
Mammary gland		Adenocarcinoma, Nos	
		Adenoma, Nos	
Pituitary gland		Acidophil Adenoma	
Uterus		Endometrial Stromal Polyp	
	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_180	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Bronchopneumonia Necrotizing	
Skin	Head	Squamous Cell Carcinoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_181	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos Myocardium Nos	Degeneration, Nos Fibrosis	
Kidney		Inflammation, Chronic	
Lung		Inflammation, Interstitial	
Mammary gland		Fibroadenoma	
Thyroid		C-Cell Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_182	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Adenoma, Nos	
Pituitary gland		Chromophobe Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_183	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Hematopoietic	
Kidney		Inflammation, Chronic	
Unspecified		Fibrosarcoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_184	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Metamorphosis, Fatty	
Kidney		Inflammation, Chronic	
Mammary gland		Adenocarcinoma, Nos	
Pituitary gland		Chromophobe Adenoma	
Uterus		Endometrial Stromal Polyp	
Endometrium		Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_185	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lymph node		Hyperplasia, Nos	
		Plasmacytosis	
Mammary gland		Undifferentiated Carcinoma	
Spleen		Hematopoiesis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_186	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Fibroadenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_187	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Inflammation, Chronic Focal	
Kidney		Inflammation, Chronic	
Liver		Necrosis, Focal	
Mammary gland		Cystadenocarcinoma, Nos	
Pituitary gland		Chromophobe Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_188	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos Myocardium Nos	Degeneration, Nos Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Lung		Alveolar/Bronchiolar Carcinoma Inflammation, Interstitial	
Mammary gland		Fibroadenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_189	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Mammary gland		Adenoma, Nos	
		Fibroadenoma	
Uterus		Endometrial Stromal Polyp	
	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_190	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos Myocardium Nos	Degeneration, Nos Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Fibrosis, Cholangio Focal Cellular Change	
Mammary gland		Fibroadenoma	
Thymus		Thymoma, Benign	
Uterus		Endometrial Stromal Polyp Fibrosis	
	Endometrium		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_191	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Natural Death	HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Degeneration, Nos	
	Myocardium Nos	Fibrosis	
Liver		Necrosis, Focal	
Pituitary gland		Chromophobe Adenoma	
Unspecified		Fibroma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_192	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Mammary gland		Fibroadenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_193	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Degeneration, Cystic Metamorphosis, Fatty	
Heart	Myocardium Nos Myocardium Nos	Degeneration, Nos Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Fibrosis, Cholangio Focal Cellular Change	
Mammary gland		Fibroadenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_194	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Degeneration, Cystic	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
	Bile Duct	Inflammation, Chronic	
Mammary gland		Fibroadenoma	
Pancreas		Atrophy, Focal	
		Fibrosis	
Pituitary gland		Chromophobe Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_195	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Carcinoma	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Mammary gland		Carcinoma, Nos	
		Carcinosarcoma	
		Fibroadenoma	
Pituitary gland		Adenoma, Nos	
Unspecified	Multiple Organs Nos	Leukemia, Monocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_196	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Alveolar/Bronchiolar Adenoma	
Mammary gland		Fibroadenoma	
Thymus		Thymoma, Benign	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_197	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Mammary gland		Cystadenoma, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_198	TRT#: 2 DOSE: 125 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Mammary gland		Fibroadenoma	
Salivary gland	Parotid Gland Nos	Atrophy, Nos	
	Parotid Gland Nos	Fibrosis	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_199	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
	Bile Duct	Hyperplasia, Nos	
Pituitary gland		Chromophobe Adenoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_200	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 125 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Degeneration, Cystic	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Hepatitis, Toxic	
Lymph node		Lymphoma, Nos-Malignant	
Mammary gland		Adenoma, Nos	
Pituitary gland		Adenoma, Nos	
Skin		Squamous Cell Carcinoma	
Urinary bladder		Inflammation, Chronic Focal	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_221	TRT#: 3 DOSE: 0	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pituitary gland		Chromophobe Adenoma	
Urinary bladder		Hyperplasia, Epithelial	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_222	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Infarct, Focal	
		Inflammation, Chronic	
Liver		Fibrosis, Cholangio	
		Inflammation, Chronic Focal	
		Lipoidosis	
Pituitary gland		Chromophobe Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_223	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Degeneration, Cystic	
	Cortex Nos	Hyperplasia, Nos	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Fibrosis, Cholangio	
Lung		Inflammation, Interstitial	
Uterus		Endometrial Stromal Sarcoma	
	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_224	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Degeneration, Cystic	
Heart	Myocardium Nos	Fibrosis	
Liver		Fibrosis, Cholangio	
Lung		Inflammation, Interstitial	
Unspecified	Multiple Organs Nos	Leukemia, Monocytic	
Urinary bladder		Polyp, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_225	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
	Tubule	Necrosis, Focal	
Liver		Fibrosis, Cholangio	
Mammary gland		Fibroadenoma	
Pituitary gland		Adenocarcinoma, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_226	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Degeneration, Cystic	
	Medulla	Hyperplasia, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
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			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Focal Cellular Change	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_228	TRT#: 3 DOSE: 0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Cystic	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Unspecified	Multiple Organs Nos	Leukemia, Monocytic	
Uterus		Endometrial Stromal Polyp	
	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014

Time Report Requested: 11:37:55

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

Adrenal gland

Bone marrow

Pituitary gland

Unspecified

Multiple Organs Nos

Degeneration, Cystic

Megakaryocytosis

Chromophobe Adenoma

Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_230	TRT#: 3 DOSE: 0	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Liver		Fibrosis, Cholangio	
Pituitary gland		Acidophil Adenoma	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_231	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Degeneration, Cystic	
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Fibrosis, Cholangio	
	Bile Duct	Hyperplasia, Nos	
Lung		Alveolar/Bronchiolar Carcinoma	
Pituitary gland		Cyst, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
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			
Kidney		Inflammation, Chronic	
Lung		Inflammation, Interstitial	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_233	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Fibrosis, Cholangio	
Lung		Inflammation, Interstitial	
Pituitary gland		Carcinoma, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_234	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Liver	Bile Duct	Hyperplasia, Nos	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
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			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Fibrosis, Cholangio	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_236	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver		Fibrosis, Cholangio	
Unspecified		Granuloma, Foreign Body	
Uterus		Endometrial Stromal Polyp	
	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_237	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Inflammation, Interstitial	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_238	TRT#: 3 DOSE: 0	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Bone marrow		Hyperplasia, Nos	
Heart		Embolus, Septic	
	Myocardium Nos	Thrombosis, Nos	
Kidney		Inflammation, Chronic	
		Nephrosis, Nos	
Liver		Hepatitis, Toxic	
Stomach		Ulcer, Acute	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: C02302
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2,4-Diaminotoluene (2,4-toluene diamine)
CAS Number: 95-80-7

Date Report Requested: 10/26/2014
Time Report Requested: 11:37:55
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			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Pituitary gland		Acidophil Adenoma	
Thyroid		Hyperplasia, C Cell	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3_240	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Myocardium Nos	Fibrosis	
Kidney		Inflammation, Chronic	
Liver	Bile Duct	Hyperplasia, Nos	
Lung		Inflammation, Interstitial	
Uterus	Endometrium	Fibrosis	
PRIMARY CAUSE OF DEATH	-		

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE