

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

C Number:	MG96006
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 494	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Mammary Gland
* Pituitary Gland	* Prostate, Dorsal/lateral Lobe	* Rete Testes	* Seminal Vesicle
* Spleen	* Testes	* Thymus	* Thyroid Gland

OBSERVATIONS

* Kidney	Cortex	Cyst	
	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
[Cyst TGLS = 1-4]			
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 495	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Mammary Gland	* Pituitary Gland
* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle
* Spleen	* Testes	* Thymus	

OBSERVATIONS

* Kidney	Cortex Renal Tubule	Cyst Dilatation Infiltration Cellular	Mild Lymphocyte, Minimal
[Cyst TGLS = 2-4]			
* Liver		Inflammation	Chronic Active, Minimal
* Testes			
Note: Left Testis (TGL 1) frozen at necropsy.			
Note: TGL 1 - NST			
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 497

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Coagulating Gland
* Prostate, Dorsal/lateral Lobe
* Testes

* Adrenal Medulla
* Epididymis
* Rete Testes
* Thymus

* Bone
* Liver
* Seminal Vesicle
* Thyroid Gland

* Bone Marrow
* Pituitary Gland
* Spleen

OBSERVATIONS

* Kidney
[Cyst TGLS = 1-4]
* Mammary Gland
* Prostate, Ventral Lobe

Cortex
Alveolus

Cyst
Hyperplasia
Infiltration Cellular

Mild
Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 498	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F2 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Mammary Gland
* Pituitary Gland	* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle
* Spleen	* Testes	* Thymus	* Thyroid Gland

OBSERVATIONS

* Kidney	Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Dorsal/Lateral Lobe	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 499	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Mammary Gland	* Prostate, Dorsal/lateral Lobe
* Rete Testes	* Testes		

OBSERVATIONS

* Prostate, Ventral Lobe	Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Depletion Secretory	Moderate
[Depletion Secretory TGLS = 1-2A]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 500	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Mammary Gland	* Prostate, Ventral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Coagulating Gland	Developmental Malformation	
* Prostate, Dorsal/Lateral Lobe	Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 501	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Mammary Gland	* Rete Testes	* Seminal Vesicle
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OBSERVATIONS

* Epididymis		Atrophy	Moderate
		Hypospermia	Marked
[Atrophy TGLS = 2-2]			
[Hypospermia TGLS = 2-2]			
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
* Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 502	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Ventral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

Intestine Small, Ileum [Hyperplasia TGLS = 1-9]		Hyperplasia	Lymphoid, Mild
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 503	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Ventral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Mammary Gland	Duct	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 504	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Mammary Gland	* Prostate, Ventral Lobe
* Seminal Vesicle	* Testes		

INSUFFICIENT TISSUE

* Rete Testes

OBSERVATIONS

* Prostate, Dorsal/Lateral Lobe	Infiltration Cellular	Lymphocyte, Minimal
* Rete Testes		

Note: No RC/WT attempt per pathologist

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 505	TRT#: 6	SEX: Male	DAY ON TEST: 160
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Mammary Gland	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Testes	

OBSERVATIONS

* Prostate, Dorsal/Lateral Lobe	Infiltration Cellular	Lymphocyte, Minimal
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 506	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Kidney	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Testes	

OBSERVATIONS

* Mammary Gland	Alveolus	Hyperplasia	Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 507	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle
* Testes			

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Mammary Gland	Duct	Hyperplasia	Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 508	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Prostate, Ventral Lobe	* Seminal Vesicle
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OBSERVATIONS

* Epididymis		Atrophy	Moderate
		Hypospermia	Marked
[Atrophy TGLS = 2-2]			
[Hypospermia TGLS = 2-2]			
* Kidney	Renal Tubule	Degeneration	Mild
	Pelvis	Dilatation	Moderate
		Infiltration Cellular	Lymphocyte, Moderate
	Renal Tubule	Regeneration	Moderate
[Degeneration TGLS = 4-4]			
* Mammary Gland	Duct	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Rete Testes		Dilatation	Mild
* Testes	Seminif Tub	Degeneration	Marked
Note: Right testis (TGL 3) frozen at necropsy.			
Note: TGL 3 - NST			
[Degeneration TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 509	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Kidney	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Testes	

OBSERVATIONS

* Mammary Gland	Duct	Hyperplasia	Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 510	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Ventral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Kidney [Cyst TGLS = 1-4]	Cortex	Cyst	
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 511	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Kidney	* Mammary Gland
* Prostate, Dorsal/lateral Lobe	* Rete Testes	* Seminal Vesicle	* Testes

OBSERVATIONS

* Prostate, Ventral Lobe	Infiltration Cellular	Lymphocyte, Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 513	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Testes	

OBSERVATIONS

* Kidney		Hyaline Droplet	Minimal
	Renal Tubule	Regeneration	Minimal
* Mammary Gland	Duct	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 514

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Pituitary Gland	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Spleen	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Mineralization	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Marked
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 515	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Pituitary Gland	* Rete Testes
* Spleen	* Testes	* Thymus	* Thyroid Gland

OBSERVATIONS

* Kidney		Hyaline Droplet	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Marked
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
* Seminal Vesicle		Depletion Secretory	Mild

[Depletion Secretory TGLS = 1-2A]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 516	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Pituitary Gland
* Rete Testes	* Seminal Vesicle	* Spleen	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney		Hyaline Droplet	Mild
* Mammary Gland	Duct	Hyperplasia	Marked
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 517	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Pituitary Gland	* Rete Testes
* Seminal Vesicle	* Testes	* Thymus	

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland	Duct	Hyperplasia	Minimal
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 518	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Pituitary Gland	* Rete Testes
* Seminal Vesicle	* Testes	* Thymus	

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Dilatation	Lymphocyte, Minimal
		Infiltration Cellular	Minimal
	Renal Tubule	Regeneration	Marked
* Mammary Gland	Alveolus	Hyperplasia	Lymphocyte, Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Minimal
* Spleen		Pigmentation	Squamous, Multiple
* Thyroid Gland		Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 544

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Mammary Gland	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Spleen	* Testes
* Thymus	* Thyroid Gland		

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gl			

Note: No RC attempt per pathologist

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 545	TRT#: 5	SEX: Male	DAY ON TEST: 162
	DOSE: F2 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Mammary Gland
* Pituitary Gland	* Prostate, Ventral Lobe	* Rete Testes	* Spleen
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney	Infiltration Cellular	Lymphocyte, Mild
* Prostate, Dorsal/Lateral Lobe	Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle	Depletion Secretory	Moderate

[Depletion Secretory TGLS = 1-2A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 546

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Mammary Gland
* Pituitary Gland	* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle
* Spleen	* Testes	* Thymus	* Thyroid Gland

OBSERVATIONS

* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphocyte, Minimal
[Cyst TGLS = 1-4]			
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 547

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Mammary Gland
* Pituitary Gland	* Rete Testes	* Seminal Vesicle	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Mild
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 548

TRT#: 5
DOSE: F2 CONTROL

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 161
HISTO: 021380100548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Kidney	* Liver	* Mammary Gland
* Pituitary Gland	* Prostate, Dorsal/lateral Lobe	* Rete Testes	* Seminal Vesicle
* Spleen	* Testes	* Thymus	* Thyroid Gland

OBSERVATIONS

* Coagulating Gland [Developmental Malformation TGLS = 1-2A]	Developmental Malformation	
* Prostate, Ventral Lobe	Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 549

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Mammary Gland	* Pituitary Gland
* Rete Testes	* Seminal Vesicle	* Spleen	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney		Infiltration Cellular Regeneration	Lymphocyte, Minimal Minimal
	Renal Tubule		
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 550	TRT#: 6	SEX: Male	DAY ON TEST: 162
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Dorsal/lateral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Mammary Gland	Duct	Hyperplasia	Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Sem Ves			

Note: TGL 1 - NCL

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 551	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Mammary Gland	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Prostate, Dorsal/Lateral Lobe	Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe	Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 552

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F2 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland

* Epididymis

* Mammary Gland

* Prostate, Dorsal/lateral Lobe

* Prostate, Ventral Lobe

* Rete Testes

* Seminal Vesicle

* Testes

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 553

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F2 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland

* Epididymis

* Mammary Gland

* Prostate, Dorsal/lateral Lobe

* Prostate, Ventral Lobe

* Rete Testes

* Seminal Vesicle

* Testes

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 554	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Kidney	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Testes	

OBSERVATIONS

* Mammary Gland	Duct	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 555	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Ventral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Mammary Gland	Duct	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 556

TRT#: 7

SEX: Male

DAY ON TEST: 161

DOSE: F2 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland
* Testes

* Epididymis

* Rete Testes

* Seminal Vesicle

OBSERVATIONS

* Kidney

* Mammary Gland
* Prostate, Dorsal/Lateral Lobe
* Prostate, Ventral Lobe

Renal Tubule
Duct

Infiltration Cellular
Regeneration
Hyperplasia
Infiltration Cellular
Infiltration Cellular

Lymphocyte, Minimal
Minimal
Minimal
Lymphocyte, Minimal
Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 557	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Ventral Lobe	* Seminal Vesicle
* Testes			

INSUFFICIENT TISSUE

* Rete Testes

OBSERVATIONS

* Kidney	Pelvis	Dilatation	Minimal
[Dilatation TGLS = 1-4]			
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Rete Testes			

Note: No RC/WT attempt per pathologist

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 558	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Kidney	* Mammary Gland
* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle	* Testes

OBSERVATIONS

* Prostate, Dorsal/Lateral Lobe	Infiltration Cellular	Lymphocyte, Mild
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 559	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Kidney	* Rete Testes	* Seminal Vesicle
* Testes			

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Mammary Gland	Duct	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 560	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Kidney	* Pituitary Gland
* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle
* Spleen	* Testes	* Thymus	* Thyroid Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 561	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Pituitary Gland	* Prostate, Dorsal/lateral Lobe
* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle	* Spleen
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney		Hyaline Droplet	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland	Duct	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 562	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Pituitary Gland	* Prostate, Dorsal/lateral Lobe
* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle	* Spleen
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland	Duct	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 563

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Pituitary Gland	* Prostate, Dorsal/lateral Lobe
* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle	* Spleen
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney		Hyaline Droplet	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland	Duct	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 564	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Pituitary Gland
* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle	* Spleen
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Mammary Gland	Duct	Hyperplasia	Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 587

TRT#: 5

SEX: Male

DAY ON TEST: 163

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Mammary Gland	* Pituitary Gland	* Prostate, Ventral Lobe
* Seminal Vesicle	* Spleen	* Thymus	* Thyroid Gland

INSUFFICIENT TISSUE

* Rete Testes

OBSERVATIONS

* Epididymis [Hypospermia TGLS = 2-2]		Hyospermia	Marked
* Kidney		Hyaline Droplet Infiltration Cellular Regeneration Inflammation Infiltration Cellular	Mild Lymphocyte, Minimal Minimal Chronic Active, Minimal Lymphocyte, Mild
* Liver	Renal Tubule		
* Prostate, Dorsal/Lateral Lobe			
* Rete Testes			
Note: No RC/WT attempt per pathologist			
* Testes [Degeneration TGLS = 1-7]	Seminif Tub	Degeneration	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 588	TRT#: 5	SEX: Male	DAY ON TEST: 163
	DOSE: F2 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Mammary Gland	* Pituitary Gland
* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle	* Spleen
* Testes	* Thymus		

OBSERVATIONS

* Kidney		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97

Test Type: SPECIAL STUDY

Route: DOSED FEED

Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014

Time Report Requested: 12:01:17

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 589

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Epididymis	* Liver
* Mammary Gland	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe	* Rete Testes
* Seminal Vesicle	* Spleen	* Testes	* Thymus

MISSING

* Adrenal Medulla	* Pituitary Gland
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INSUFFICIENT TISSUE

* Thyroid Gland

OBSERVATIONS

* Adren Medulla			
Note: Tissue cut away			
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney		Hyaline Droplet	Mild
* Pituitary Gl			
Note: Tissue cut away			
* Thyroid Gl			
Note: Tissue cut away			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 590

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Coagulating Gland
* Prostate, Ventral Lobe
* Testes

* Adrenal Medulla
* Epididymis
* Rete Testes
* Thymus

* Bone
* Pituitary Gland
* Seminal Vesicle
* Thyroid Gland

* Bone Marrow
* Prostate, Dorsal/lateral Lobe
* Spleen

OBSERVATIONS

* Kidney
Note: TGL 1 - NCL

Infiltration Cellular

Lymphocyte, Mild

* Liver
* Mammary Gland

Alveolus

Inflammation
Hyperplasia

Chronic Active, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 591	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Mammary Gland	* Rete Testes	* Seminal Vesicle
* Testes			

OBSERVATIONS

* Coagulating Gland [Developmental Malformation TGLS = 1-2A]	Developmental Malformation		
* Prostate, Dorsal/Lateral Lobe	Infiltration Cellular		Lymphocyte, Mild
* Prostate, Ventral Lobe	Inflammation		Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 592	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Dorsal/lateral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Mammary Gland	Duct	Hyperplasia	Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 593	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Rete Testes	* Seminal Vesicle	* Testes
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INSUFFICIENT TISSUE

* Coagulating Gland

OBSERVATIONS

* Coagulat GI Note: Recut attempted			
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Liver [Hepatodiaphragmatic Nodule TGLS = 1-5]		Hepatodiaphragmatic Nodule	
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 594

TRT#: 7

SEX: Male

DAY ON TEST: 161

DOSE: F2 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Mammary Gland	* Rete Testes	* Seminal Vesicle
* Testes			

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 2-2A]			
* Kidney	Cortex	Cyst	
[Cyst TGLS = 1-4]		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 595	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Kidney	* Prostate, Ventral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 596	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Mammary Gland	* Prostate, Ventral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney	Renal Tubule	Regeneration	Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 597	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Kidney	* Mammary Gland
* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle	* Testes

OBSERVATIONS

* Prostate, Dorsal/Lateral Lobe	Infiltration Cellular	Lymphocyte, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 598

TRT#: 7

SEX: Male

DAY ON TEST: 161

DOSE: F2 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland
* Rete Testes

* Epididymis
* Seminal Vesicle

* Mammary Gland
* Testes

* Prostate, Dorsal/lateral Lobe

OBSERVATIONS

* Kidney
* Prostate, Ventral Lobe

Infiltration Cellular
Infiltration Cellular

Lymphocyte, Minimal
Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 599	TRT#: 8	SEX: Male	DAY ON TEST: 163
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Pituitary Gland
* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle	* Spleen
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney	Cortex	Cyst	
	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Mild
	Renal Tubule	Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
[Cyst TGLS = 1-4]			
* Mammary Gland	Duct	Hyperplasia	Moderate
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 600	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Pituitary Gland	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Spleen	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney	Cortex	Cyst	
	Renal Tubule	Dilatation	Mild
	Interstitium	Fibrosis	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland	Duct	Hyperplasia	Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 601	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Pituitary Gland	* Prostate, Dorsal/lateral Lobe
* Rete Testes	* Seminal Vesicle	* Spleen	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Mineralization	Mild
* Mammary Gland	Duct	Hyperplasia	Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 602	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Liver	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe
* Seminal Vesicle	* Thymus		

OBSERVATIONS

* Epididymis		Atrophy Hypospermia Infiltration Cellular	Mild Marked Lymphocyte, Minimal
[Atrophy TGLS = 2-2] [Hypospermia TGLS = 2-2]			
* Kidney		Hyaline Droplet Infiltration Cellular	Mild Lymphocyte, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Mild
* Rete Testes		Dilatation	Moderate
* Spleen		Pigmentation	Mild
* Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-7]			
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 603	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Pituitary Gland	* Rete Testes
* Seminal Vesicle	* Spleen	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney		Hyaline Droplet	Mild
	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Marked
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 604	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Pituitary Gland
* Prostate, Dorsal/lateral Lobe	* Rete Testes	* Seminal Vesicle	* Spleen
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney		Hyaline Droplet	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Moderate
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 605	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Pituitary Gland	* Rete Testes
* Seminal Vesicle	* Spleen	* Testes	* Thymus

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
* Thyroid Gland		Cyst	Squamous, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 606

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Pituitary Gland
* Rete Testes	* Seminal Vesicle	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Moderate
* Prostate, Ventral Lobe		Inflammation	Suppurative, Mild
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 631

TRT#: 5

SEX: Male

DAY ON TEST: 163

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Mammary Gland	* Pituitary Gland
* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Coagulating Gland [Developmental Malformation TGLS = 1-2A]		Developmental Malformation	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 632

TRT#: 5

SEX: Male

DAY ON TEST: 163

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Mammary Gland
* Pituitary Gland	* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle
* Spleen	* Testes	* Thymus	

OBSERVATIONS

* Coagulat GI Note: TGL 1 - NCL			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 633

TRT#: 5

SEX: Male

DAY ON TEST: 163

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Mammary Gland	* Pituitary Gland	* Prostate, Dorsal/lateral Lobe	* Rete Testes
* Seminal Vesicle	* Spleen	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Coagulating Gland [Developmental Malformation TGLS = 1-2A]		Developmental Malformation	
* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Hyaline Droplet	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 634

TRT#: 5
DOSE: F2 CONTROL

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 163
HISTO: 021380100634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Mammary Gland	* Pituitary Gland	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Spleen	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 635

TRT#: 5

SEX: Male

DAY ON TEST: 163

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Mammary Gland	* Pituitary Gland	* Prostate, Ventral Lobe	* Seminal Vesicle
* Spleen	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 3-2A]			
* Epididymis		Atrophy	Mild
[Atrophy TGLS = 2-2]		Hypospermia	Marked
[Hypospermia TGLS = 2-2]			
* Kidney		Casts Protein	Mild
		Hyaline Droplet	Mild
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Mild
		Inflammation	Chronic Active, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Dorsal/Lateral Lobe		Dilatation	Moderate
* Rete Testes		Degeneration	Marked
* Testes	Seminif Tub		
[Degeneration TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 636

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Liver	* Mammary Gland	* Pituitary Gland
* Prostate, Ventral Lobe	* Seminal Vesicle	* Spleen	

OBSERVATIONS

* Epididymis		Atrophy Hypospermia	Mild Marked
[Atrophy TGLS = 2-2]			
[Hypospermia TGLS = 2-2]			
* Kidney	Renal Tubule	Dilatation Hyaline Droplet Infiltration Cellular	Mild Mild Lymphocyte, Minimal
	Renal Tubule	Regeneration Infiltration Cellular	Mild Lymphocyte, Minimal
* Prostate, Dorsal/Lateral Lobe			
* Rete Testes		Dilatation	Mild
* Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-7]			
* Thymus		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-4]			
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 637	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Mammary Gland	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Testes	

OBSERVATIONS

* Prostate, Dorsal/Lateral Lobe	Infiltration Cellular	Lymphocyte, Minimal
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PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 638	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Mammary Gland	* Prostate, Dorsal/lateral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

MISSING

* Coagulating Gland

OBSERVATIONS

* Coagulat GI			
Note: Recut attempted			
* Prostate, Ventral Lobe	Infiltration Cellular		Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 639

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F2 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Mammary Gland	* Rete Testes	* Seminal Vesicle
* Testes			

OBSERVATIONS

* Coagulating Gland [Developmental Malformation TGLS = 2-2A]		Developmental Malformation	
Preputial Gland [Inflammation TGLS = 1-2]		Inflammation	Suppurative, Marked
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
* Thymus [Hemorrhage TGLS = 3-4]		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 640	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Testes	

OBSERVATIONS

* Mammary Gland	Duct	Hyperplasia	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 641	TRT#: 7	SEX: Male	DAY ON TEST: 162
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Mammary Gland	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Testes	

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLS = 1-5]		
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 642	TRT#: 7	SEX: Male	DAY ON TEST: 162
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Mammary Gland	* Prostate, Dorsal/lateral Lobe
* Rete Testes	* Seminal Vesicle	* Testes	

OBSERVATIONS

* Kidney	Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe	Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 643	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Dorsal/lateral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Kidney		Inflammation	Chronic, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 644	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Dorsal/lateral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 645	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Mammary Gland	* Rete Testes	* Seminal Vesicle
* Testes			

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney	Renal Tubule	Dilatation	Mild
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 646

TRT#: 8

SEX: Male

DAY ON TEST: 162

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Pituitary Gland	* Prostate, Dorsal/lateral Lobe
* Rete Testes	* Seminal Vesicle	* Spleen	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney	Renal Tubule	Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Mammary Gland	Duct	Hyperplasia	Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 647	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Pituitary Gland	* Rete Testes
* Seminal Vesicle	* Spleen	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Kidney		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Mineralization	Minimal
Note: TGL 2 - NCL			
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-5]			
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 648

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Pituitary Gland	* Prostate, Dorsal/lateral Lobe	* Rete Testes
* Seminal Vesicle	* Spleen	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney	Renal Tubule	Infiltration Cellular	Lymphocyte, Minimal
		Regeneration	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland	Duct	Hyperplasia	Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 649	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Pituitary Gland
* Prostate, Dorsal/lateral Lobe	* Rete Testes	* Seminal Vesicle	* Spleen
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration Hyaline Droplet Infiltration Cellular	Minimal Minimal Lymphocyte, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Moderate
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 650

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Pituitary Gland	* Prostate, Dorsal/lateral Lobe	* Rete Testes
* Seminal Vesicle	* Spleen	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney	Renal Tubule	Infiltration Cellular	Lymphocyte, Minimal
		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland	Duct	Hyperplasia	Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 651	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Epididymis
* Pituitary Gland	* Rete Testes	* Seminal Vesicle	* Testes
* Thymus			

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Coagulating Gland		Developmental Malformation	
	[Developmental Malformation TGLS = 1-2A]		
* Kidney	Renal Tubule	Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Erythrophagocytosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Moderate
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Pigmentation	Mild
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 659

TRT#: 5

SEX: Male

DAY ON TEST: 165

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Prostate, Ventral Lobe
* Testes

* Bone
* Mammary Gland
* Rete Testes
* Thymus

* Bone Marrow
* Pituitary Gland
* Seminal Vesicle
* Thyroid Gland

* Coagulating Gland
* Prostate, Dorsal/lateral Lobe
* Spleen

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Liver

Vacuolization Cytoplasmic
Infiltration Cellular
Inflammation

Minimal
Lymphocyte, Mild
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 660

TRT#: 5

SEX: Male

DAY ON TEST: 164

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Liver	* Mammary Gland
* Pituitary Gland	* Rete Testes	* Seminal Vesicle	* Spleen
* Thymus			

OBSERVATIONS

* Kidney		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Testes	Seminif Tub	Degeneration	Minimal
* Thyroid Gland		Ectopic Thymus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 661	TRT#: 5	SEX: Male	DAY ON TEST: 163
	DOSE: F2 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Pituitary Gland	* Prostate, Dorsal/lateral Lobe	* Rete Testes
* Seminal Vesicle	* Spleen	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
* Kidney		Infiltration Cellular	Lymphocyte, Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 662	TRT#: 6	SEX: Male	DAY ON TEST: 165
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Mammary Gland	* Prostate, Dorsal/lateral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Coagulating Gland	Developmental Malformation		
[Developmental Malformation TGLS = 1-2A]			
* Prostate, Ventral Lobe	Infiltration Cellular		Lymphocyte, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 663	TRT#: 6	SEX: Male	DAY ON TEST: 162
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Mammary Gland	* Prostate, Dorsal/lateral Lobe	* Rete Testes
* Seminal Vesicle			

OBSERVATIONS

* Coagulat GI			
Note: TGL 3 - NCL			
* Epididymis		Atrophy	Marked
		Hypospermia	Marked
[Atrophy TGLS = 2-2]			
[Hypospermia TGLS = 2-2]			
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 664	TRT#: 6	SEX: Male	DAY ON TEST: 162
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Mammary Gland	* Prostate, Dorsal/lateral Lobe
* Rete Testes	* Seminal Vesicle		

OBSERVATIONS

* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 665	TRT#: 6	SEX: Male	DAY ON TEST: 162
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Testes	

OBSERVATIONS

* Mammary Gland	Duct	Hyperplasia	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 666	TRT#: 6	SEX: Male	DAY ON TEST: 162
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe	* Rete Testes
* Seminal Vesicle	* Testes		

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Mammary Gland	Alveolus	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 667	TRT#: 7	SEX: Male	DAY ON TEST: 163
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Kidney	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle		

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 668	TRT#: 8	SEX: Male	DAY ON TEST: 164
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Pituitary Gland	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Spleen	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 2-2A]			
* Kidney	Renal Tubule	Dilatation	Mild
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
Note: TGL 1 - NCL			
* Liver		Inflammation	Chronic Active, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 672	TRT#: 5	SEX: Male	DAY ON TEST: 165
	DOSE: F2 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Mammary Gland	* Prostate, Dorsal/lateral Lobe
* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle	* Spleen
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney		Hyaline Droplet	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 673

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Coagulating Gland	* Epididymis	* Mammary Gland	* Pituitary Gland
* Prostate, Dorsal/lateral Lobe	* Rete Testes	* Seminal Vesicle	* Spleen
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation Hyaline Droplet Infiltration Cellular	Minimal Mild Lymphocyte, Mild
	Renal Tubule	Regeneration Inflammation	Mild Chronic Active, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 674	TRT#: 6	SEX: Male	DAY ON TEST: 162
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Mammary Gland	* Prostate, Dorsal/lateral Lobe
* Prostate, Ventral Lobe	* Rete Testes	* Seminal Vesicle	* Testes

OBSERVATIONS

Preputial Gland	Duct	Dilatation Inflammation	Moderate Suppurative, Marked
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[Dilatation TGLS = 1-2]
[Inflammation TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 675	TRT#: 6	SEX: Male	DAY ON TEST: 162
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe
* Rete Testes	* Seminal Vesicle	* Testes	

OBSERVATIONS

* Mammary Gland	Alveolus	Hyperplasia	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 474

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Spleen

* Adrenal Medulla
* Liver
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Mammary Gland

* Ovary
* Uterus
* Vagina

Alveolus
Lobules

Hyperplasia
Hyperplasia
Diestrus
Diestrus
Diestrus

Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 475

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Pituitary Gland

* Adrenal Medulla
* Liver
* Spleen

* Bone
* Mammary Gland
* Thymus

* Bone Marrow
* Oviduct
* Thyroid Gland

OBSERVATIONS

* Ovary
* Uterus
* Vagina

Diestrus
Metestrus
Metestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 476

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Spleen

* Adrenal Medulla
* Mammary Gland
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Kidney
* Ovary
* Uterus
* Vagina

Renal Tubule

Mineralization
Diestrus
Diestrus
Diestrus

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 477	TRT#: 1	SEX: Female	DAY ON TEST: 161
	DOSE: F2 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Liver	* Mammary Gland	* Oviduct
* Pituitary Gland	* Spleen	* Thymus	* Thyroid Gland

OBSERVATIONS

Intestine Small, Ileum [Hyperplasia TGLS = 1-9]	Peyers Patch	Hyperplasia	Lymphoid, Moderate
* Ovary		Proestrus	
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 478

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

OBSERVATIONS

* Kidney
* Mammary Gland
* Ovary
* Uterus
* Vagina

Renal Tubule
Alveolus

Mineralization
Hyperplasia
Estrus
Estrus
Estrus

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 479

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Mammary Gland
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

OBSERVATIONS

* Kidney
* Liver

Renal Tubule

Mineralization
Infiltration Cellular
Proliferation Connective Tissue
Diestrus
Diestrus
Diestrus

Mild
Mast Cell, Focal, Mild
Focal, Mild

* Ovary
* Uterus
* Vagina

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 480	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
* Ovary		Metestrus	
* Uterus		Metestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 482	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
-----------------	-----------

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Marked
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 483

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F2 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Mammary Gland	Alveolus	Hyperplasia	Moderate
	Lobules	Hyperplasia	Moderate
* Ovary	Corpus Luteum	Cyst	
		Metestrus	
* Uterus		Metestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 484	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Mammary Gland	Alveolus	Hyperplasia	Minimal
* Ovary		Diestrus	
* Uterus		Diestrus	
Note: Endometrial lining simulates diestrus, but lacks activated stromal cells and lacks development of diestral endometrial glands.			
* Vagina		Diestrus	
	Mucocyte	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 485	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Moderate
* Mammary Gland	Alveolus	Hyperplasia	Minimal
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 486	TRT#: 2	SEX: Female	DAY ON TEST: 160
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 487	TRT#: 2	SEX: Female	DAY ON TEST: 160
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Mild
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 488	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
	Lobules	Hyperplasia	Minimal
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 490

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F2 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Mild
* Ovary		Diestrus	
Note: late			
* Uterus		Metestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 491

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

OBSERVATIONS

* Kidney
* Mammary Gland

* Ovary
 Note: Transitional to Diestrus
* Uterus
* Vagina

Renal Tubule
Alveolus
Lobules

Mineralization
Hyperplasia
Hyperplasia
Metestrus

Metestrus
Metestrus

Minimal
Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 492	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Liver	* Oviduct	* Pituitary Gland	* Spleen
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
	Lobules	Hyperplasia	Minimal
* Ovary		Proestrus	
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 493

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Thymus

* Adrenal Medulla
* Liver
* Thyroid Gland

* Bone
* Oviduct

* Bone Marrow
* Spleen

OBSERVATIONS

* Mammary Gland

* Ovary
* Pituitary Gland
* Uterus
* Vagina

Alveolus
Lobules

Hyperplasia
Hyperplasia
Diestrus
Cyst
Diestrus
Diestrus

Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 519

TRT#: 1

SEX: Female

DAY ON TEST: 162

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

OBSERVATIONS

* Kidney
* Mammary Gland
* Ovary
* Uterus
* Vagina

Cortex
Alveolus

Cyst
Hyperplasia
Diestrus
Diestrus
Diestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 520

TRT#: 1

SEX: Female

DAY ON TEST: 162

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

OBSERVATIONS

* Kidney
* Mammary Gland

* Ovary
* Uterus
* Vagina

Renal Tubule
Alveolus
Lobules

Mineralization
Hyperplasia
Hyperplasia
Diestrus
Diestrus
Diestrus

Minimal
Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 521

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Oviduct
* Thyroid Gland

* Adrenal Medulla
* Pituitary Gland

* Bone
* Spleen

* Bone Marrow
* Thymus

OBSERVATIONS

* Kidney Renal Tubule
* Liver

Mineralization
Developmental Malformation

Minimal

[Developmental Malformation TGLS = 1-5]

* Mammary Gland Alveolus
Lobules

Hyperplasia
Hyperplasia

Mild
Mild

* Ovary
* Uterus
* Vagina

Proestrus
Proestrus
Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 522

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Spleen

* Adrenal Medulla
* Liver
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Mammary Gland

* Ovary
* Uterus
* Vagina

Alveolus
Lobules

Hyperplasia
Hyperplasia
Diestrus
Diestrus
Diestrus

Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 523

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

OBSERVATIONS

* Kidney
* Mammary Gland

* Ovary

* Uterus
* Vagina

Renal Tubule
Alveolus
Lobules

Mineralization
Hyperplasia
Hyperplasia
Cyst
Diestrus
Diestrus
Diestrus

Minimal
Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 524

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Spleen

* Adrenal Medulla
* Mammary Gland
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Kidney
* Ovary
* Uterus
* Vagina

Renal Tubule

Mineralization
Estrus
Estrus
Estrus

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 525

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Spleen

* Adrenal Medulla
* Liver
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Mammary Gland

* Ovary
* Uterus
* Vagina

Alveolus
Lobules

Hyperplasia
Hyperplasia
Metestrus
Metestrus
Metestrus

Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 526

TRT#: 2

SEX: Female

DAY ON TEST: 162

DOSE: F2 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 527	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Mild
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 528	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
	Lobules	Hyperplasia	Minimal
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 530	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Lobules	Hyperplasia	Minimal
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	
	Mucocyte	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 531	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Clitoral Gland		Distended	
		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-9]			
* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Mild
* Ovary		Diestrus	
* Uterus		Metestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 532	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
	Lobules	Hyperplasia	Mild
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 533	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Mild
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 534

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F2 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Moderate
* Mammary Gland	Alveolus	Hyperplasia	Minimal
	Lobules	Hyperplasia	Minimal
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 535

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F2 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Moderate
* Mammary Gland	Alveolus	Hyperplasia	Minimal
	Lobules	Hyperplasia	Mild
* Ovary		Metestrus	
* Uterus		Metestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 536	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Cortex	Cyst	
	Renal Tubule	Mineralization	Mild
* Liver		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5]			
* Mammary Gland	Alveolus	Hyperplasia	Minimal
	Lobules	Hyperplasia	Minimal
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 537	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney * Oviduct

OBSERVATIONS

* Liver		Proliferation Connective Tissue	Focal, Mild
	[Proliferation Connective Tissue TGLS = 1-5]		
* Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Mild
* Ovary		Cyst	
		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 539

TRT#: 4

SEX: Female

DAY ON TEST: 162

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

MISSING

* Vagina

OBSERVATIONS

* Kidney
* Mammary Gland

* Ovary
* Uterus
* Vagina

Renal Tubule
Alveolus
Lobules

Mineralization
Hyperplasia
Hyperplasia
Diestrus
Diestrus

Moderate
Minimal
Moderate

Note: Wet Tissue Attempted

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 540

TRT#: 4

SEX: Female

DAY ON TEST: 162

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

OBSERVATIONS

* Kidney
* Mammary Gland
* Ovary
* Uterus
* Vagina

Renal Tubule
Lobules

Mineralization
Hyperplasia
Proestrus
Proestrus
Proestrus

Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 541	TRT#: 4	SEX: Female	DAY ON TEST: 162
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Liver	* Oviduct	* Pituitary Gland	* Spleen
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney	Cortex	Cyst	
		Inflammation	Chronic Active, Minimal
	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Minimal
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 542	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Liver	* Mammary Gland	* Oviduct
* Pituitary Gland	* Spleen	* Thymus	* Thyroid Gland

MISSING

* Vagina

OBSERVATIONS

* Ovary	Metestrus
Note: Transitional to Diestrus	
* Uterus	Metestrus
* Vagina	
Note: Wet Tissue Attempted	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 543	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Liver	* Oviduct	* Pituitary Gland	* Spleen
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Mammary Gland	Lobules	Hyperplasia	Minimal
* Ovary		Metestrus	
* Uterus		Metestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 565

TRT#: 1

SEX: Female

DAY ON TEST: 162

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Spleen

* Adrenal Medulla
* Mammary Gland
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Kidney

* Ovary
* Uterus
* Vagina

Cortex
Renal Tubule

Cyst
Mineralization
Diestrus
Diestrus
Diestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 566

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Oviduct
* Thyroid Gland

* Adrenal Medulla
* Pituitary Gland

* Bone
* Spleen

* Bone Marrow
* Thymus

OBSERVATIONS

* Kidney Renal Tubule
* Liver

Mineralization
Developmental Malformation

Moderate

[Developmental Malformation TGLS = 1-5]

* Mammary Gland Alveolus
* Ovary
* Uterus
* Vagina

Hyperplasia
Estrus
Estrus
Estrus

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 567

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

OBSERVATIONS

* Kidney

* Mammary Gland
* Ovary
* Uterus
* Vagina

Cortex
Renal Tubule
Alveolus

Cyst
Mineralization
Hyperplasia
Proestrus
Proestrus
Proestrus

Moderate
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 568	TRT#: 1	SEX: Female	DAY ON TEST: 161
	DOSE: F2 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Liver	* Oviduct	* Pituitary Gland	* Spleen
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Moderate
* Mammary Gland		Adenoma	
	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Minimal
[Adenoma TGLS = 1-9]			
* Ovary		Metestrus	
* Uterus		Metestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 569	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Mammary Gland	* Oviduct
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OBSERVATIONS

* Ovary	Diestrus
* Uterus	Diestrus
* Vagina	Diestrus

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 570	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
-----------------	-----------

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Diestrus	
* Uterus		Metestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 571	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
	Lobules	Hyperplasia	Mild
* Ovary		Proestrus	
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 572	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
* Ovary		Proestrus	
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 573

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F2 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 574	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Mammary Gland	Lobules	Hyperplasia	Mild
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 575

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F2 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
	Lobules	Hyperplasia	Minimal
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 577	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Minimal
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 578

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F2 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

* Mammary Gland

* Oviduct

OBSERVATIONS

* Ovary

Estrus

* Uterus

Estrus

* Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 579	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
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OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 581	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
-----------------	-----------

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 582	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Mammary Gland	* Oviduct	* Pituitary Gland	* Spleen
* Thymus			

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Moderate
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 1-5]			
* Ovary		Diestrus	
* Thyroid Gland		Ultimobranchial Cyst	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 583

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

OBSERVATIONS

* Kidney
* Mammary Gland

* Ovary
* Uterus
* Vagina

Renal Tubule
Alveolus
Lobules

Mineralization
Hyperplasia
Hyperplasia
Proestrus
Proestrus
Estrus

Minimal
Mild
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 584	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Liver	* Oviduct	* Pituitary Gland	* Spleen
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
	Lobules	Hyperplasia	Minimal
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:17
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 585	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Liver	* Oviduct	* Pituitary Gland
* Spleen	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Minimal
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 586	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Kidney	* Liver	* Oviduct	* Pituitary Gland
* Spleen	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Mammary Gland	Alveolus	Hyperplasia	Minimal
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 607

TRT#: 1

SEX: Female

DAY ON TEST: 162

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

OBSERVATIONS

* Kidney
* Mammary Gland
* Ovary
* Uterus
* Vagina

Renal Tubule
Alveolus

Mineralization
Hyperplasia
Proestrus
Proestrus
Proestrus

Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 608

TRT#: 1

SEX: Female

DAY ON TEST: 162

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

OBSERVATIONS

* Kidney
* Mammary Gland
* Ovary
* Uterus
* Vagina

Renal Tubule
Alveolus

Mineralization
Hyperplasia
Estrus
Estrus
Estrus

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 609

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Spleen

* Adrenal Medulla
* Mammary Gland
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Clitoral Gland

Distended
Inflammation

Chronic Active, Mild

[Inflammation TGLS = 1-9]

* Kidney
* Ovary
* Uterus
* Vagina

Renal Tubule

Mineralization
Proestrus
Proestrus
Proestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 610	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
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OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 611	TRT#: 2	SEX: Female	DAY ON TEST: 161
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
-----------------	-----------

OBSERVATIONS

* Kidney		Inflammation	Chronic Active, Minimal
	Renal Tubule	Mineralization	Minimal
* Ovary		Metestrus	
* Uterus		Metestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 613	TRT#: 3	SEX: Female	DAY ON TEST: 163
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
-----------------	-----------

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Moderate
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 616	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
-----------------	-----------

OBSERVATIONS

* Kidney	Renal Tubule	Infarct	
		Mineralization	Minimal
		Nephropathy	Minimal
* Ovary		Proestrus	
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 618	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Liver		Developmental Malformation	
	[Developmental Malformation TGLS = 1-5]		
* Mammary Gland	Lobules	Hyperplasia	Minimal
* Ovary		Metestrus	
* Uterus		Metestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 620	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F2 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
-----------------	-----------

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 621	TRT#: 4	SEX: Female	DAY ON TEST: 162
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Liver	* Mammary Gland	* Oviduct	* Pituitary Gland
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Diestrus	
* Spleen		Pigmentation	Minimal
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 622

TRT#: 4

SEX: Female

DAY ON TEST: 162

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Pituitary Gland

* Adrenal Medulla
* Liver
* Spleen

* Bone
* Mammary Gland
* Thymus

* Bone Marrow
* Oviduct
* Thyroid Gland

OBSERVATIONS

* Ovary
* Uterus
* Vagina

Diestrus
Diestrus
Diestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 623

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Pituitary Gland

* Adrenal Medulla
* Liver
* Spleen

* Bone
* Mammary Gland
* Thymus

* Bone Marrow
* Oviduct
* Thyroid Gland

OBSERVATIONS

* Ovary
* Uterus
* Vagina

Estrus
Estrus
Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 624

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

OBSERVATIONS

* Kidney
* Mammary Gland
* Ovary
* Uterus
* Vagina

Renal Tubule
Lobules

Mineralization
Hyperplasia
Estrus
Estrus
Estrus

Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 625

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Spleen

* Adrenal Medulla
* Mammary Gland
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Moderate
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 626

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Spleen

* Adrenal Medulla
* Mammary Gland
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Kidney
* Liver
 Note: TGL 1 - NCL
* Ovary
* Uterus
* Vagina

Renal Tubule

Mineralization

Mild

Metestrus

Metestrus

Metestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 627

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Pituitary Gland

* Adrenal Medulla
* Liver
* Spleen

* Bone
* Mammary Gland
* Thymus

* Bone Marrow
* Oviduct
* Thyroid Gland

OBSERVATIONS

* Ovary
* Uterus
* Vagina

Metestrus
Metestrus
Metestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 628	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Liver	* Oviduct	* Pituitary Gland	* Spleen
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
	Lobules	Hyperplasia	Mild
* Ovary		Proestrus	
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 629

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Pituitary Gland

* Adrenal Medulla
* Liver
* Spleen

* Bone
* Mammary Gland
* Thymus

* Bone Marrow
* Oviduct
* Thyroid Gland

OBSERVATIONS

* Ovary
* Uterus
 Note: late diestrus, early proestrus
* Vagina

Proestrus
Proestrus

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 630	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Liver	* Oviduct	* Pituitary Gland	* Spleen
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney	Cortex	Cyst	
* Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Minimal
* Ovary		Proestrus	
* Uterus		Proestrus	
Note: TGL 1 - NCL			
Note: TGL 1 is normal proestrus			
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 652

TRT#: 1

SEX: Female

DAY ON TEST: 165

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Spleen

* Adrenal Medulla
* Liver
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Mammary Gland
* Ovary
* Uterus
* Vagina

Alveolus

Hyperplasia
Diestrus
Diestrus
Diestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 653

TRT#: 1

SEX: Female

DAY ON TEST: 164

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Spleen

* Adrenal Medulla
* Mammary Gland
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Kidney
* Ovary
* Uterus
* Vagina

Renal Tubule

Mineralization
Diestrus
Metestrus
Diestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 654

TRT#: 1

SEX: Female

DAY ON TEST: 163

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Spleen

* Adrenal Medulla
* Mammary Gland
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Kidney
* Ovary
* Uterus
* Vagina

Renal Tubule

Mineralization
Diestrus
Diestrus
Diestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 655	TRT#: 2	SEX: Female	DAY ON TEST: 162
	DOSE: F2 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
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OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Proestrus	
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 656

TRT#: 3

SEX: Female

DAY ON TEST: 163

DOSE: F2 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland

* Oviduct

OBSERVATIONS

* Kidney

Renal Tubule

Mineralization

Moderate

* Ovary

Proestrus

* Uterus

Proestrus

* Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 657

TRT#: 4

SEX: Female

DAY ON TEST: 164

DOSE: F2 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Pituitary Gland

* Adrenal Medulla
* Liver
* Spleen

* Bone
* Mammary Gland
* Thymus

* Bone Marrow
* Oviduct
* Thyroid Gland

OBSERVATIONS

* Ovary
* Uterus
 Note: TGL 1 - NCL
 Note: TGL 1 is normal proestrus
* Vagina

Proestrus
Proestrus

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 658	TRT#: 4	SEX: Female	DAY ON TEST: 164
	DOSE: F2 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Liver	* Mammary Gland	* Oviduct	* Pituitary Gland
* Spleen	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 669

TRT#: 1

SEX: Female

DAY ON TEST: 165

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Mammary Gland
* Thyroid Gland

* Bone
* Oviduct

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Kidney
* Ovary
* Spleen
* Uterus
* Vagina

Renal Tubule

Mineralization
Estrus
Pigmentation
Metestrus
Estrus

Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-97
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 12:01:18
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 670

TRT#: 1

SEX: Female

DAY ON TEST: 162

DOSE: F2 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Spleen

* Adrenal Medulla
* Mammary Gland
* Thymus

* Bone
* Oviduct
* Thyroid Gland

* Bone Marrow
* Pituitary Gland

OBSERVATIONS

* Kidney
* Ovary
* Uterus
 Note: TGL 1 - NCL
* Vagina

Renal Tubule

Mineralization
Proestrus
Metestrus

Estrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

