

Experiment Number: 99920-99
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: 10:31:47
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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1	TRT#: 8	SEX: Male	DAY ON TEST: 63
	DOSE: F0 50 PPB	DISP: Natural Death	HISTO: 021380100001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* Lung	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe	* Rete Testes
* Skin	* Testes	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Bone Marrow	* Coagulating Gland	* Kidney	* Liver
* Pancreas	* Pituitary Gland	* Seminal Vesicle	* Spinal Cord
* Spleen	* Thymus	* Thyroid Gland	

INSUFFICIENT TISSUE

* Mammary Gland

OBSERVATIONS

* Mammary GI
Note: Wet tissue attempted

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
Test Type: SPECIAL STUDY
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Test Compound: ENDOCRINE DISRUPTOR(Ethinyl Estradiol)
CAS Number: 57-63-6

Date Report Requested: 10/23/2014
Time Report Requested: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 38	TRT#: 5	SEX: Male	DAY ON TEST: 140
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney	Cortex	Cyst	
[Cyst TGLS = 1-4]			
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 39	TRT#: 5	SEX: Male	DAY ON TEST: 140
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100039

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
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney		Hyaline Droplet	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 40	TRT#: 5	SEX: Male	DAY ON TEST: 140
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 41	TRT#: 5	SEX: Male	DAY ON TEST: 140
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100041

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 42	TRT#: 5	SEX: Male	DAY ON TEST: 140
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100042

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
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 43	TRT#: 6	SEX: Male	DAY ON TEST: 140
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* 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

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 44	TRT#: 6	SEX: Male	DAY ON TEST: 140
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Epididymis Note: TGL 2 - NCL			
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Testes Note: TGL 1 - NCL			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 45	TRT#: 6	SEX: Male	DAY ON TEST: 140
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Epididymis	Infiltration Cellular	Lymphocyte, Minimal
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PRIMARY CAUSE OF DEATH -

Animal Note: TGL 1 - NST (Preputial gland, discoloration)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 46	TRT#: 6	SEX: Male	DAY ON TEST: 140
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100046

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 47	TRT#: 6	SEX: Male	DAY ON TEST: 140
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Testes	Seminif Tub	Degeneration	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 48

TRT#: 7

SEX: Male

DAY ON TEST: 140

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100048

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 49	TRT#: 7	SEX: Male	DAY ON TEST: 140
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Mammary Gland	Alveolus	Hyperplasia	Mild
* Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 50	TRT#: 7	SEX: Male	DAY ON TEST: 140
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* 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 -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 51	TRT#: 7	SEX: Male	DAY ON TEST: 140
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99

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: 10:31:47

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 52

TRT#: 7

SEX: Male

DAY ON TEST: 140

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland

* Epididymis

* Mammary Gland

* Prostate, Dorsal/lateral Lobe

* Rete Testes

* Seminal Vesicle

* Testes

OBSERVATIONS

* Prostate, Ventral Lobe

Infiltration Cellular

Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 53	TRT#: 8	SEX: Male	DAY ON TEST: 140
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100053

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 54	TRT#: 8	SEX: Male	DAY ON TEST: 140
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100054

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
* Testes	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Kidney	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: 99920-99

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: 10:31:47

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 55

TRT#: 8

SEX: Male

DAY ON TEST: 140

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100055

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	

OBSERVATIONS

* Kidney	Cortex	Cyst	
	Renal Tubule	Degeneration	Minimal
	Renal Tubule	Dilatation	Minimal
	Interstitium	Fibrosis	Mild
		Infiltration Cellular	Lymphocyte, Mild
	Renal Tubule	Regeneration	Minimal
[Cyst TGLS = 1-4A]			
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 56	TRT#: 8	SEX: Male	DAY ON TEST: 140
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100056

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	Cortex	Cyst	
	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 57	TRT#: 8	SEX: Male	DAY ON TEST: 140
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
* Kidney	Renal Tubule	Dilatation	Mild
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 78	TRT#: 5	SEX: Male	DAY ON TEST: 148
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100078

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		Infiltration Cellular Regeneration	Lymphocyte, Minimal Minimal
	Renal Tubule		
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99

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: 10:31:47

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 79

TRT#: 5

SEX: Male

DAY ON TEST: 148

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Coagulating Gland
* Pituitary Gland
* Spleen

* Adrenal Medulla
* Epididymis
* Prostate, Dorsal/lateral Lobe
* Testes

* Bone
* Liver
* Rete Testes
* Thymus

* Bone Marrow
* Mammary Gland
* Seminal Vesicle
* Thyroid Gland

OBSERVATIONS

* Kidney

* Prostate, Ventral Lobe

Renal Tubule

Dilatation
Infiltration Cellular
Infiltration Cellular

Mild
Lymphocyte, Minimal
Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 80	TRT#: 5	SEX: Male	DAY ON TEST: 148
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2]			
* Kidney	Cortex	Cyst	Lymphocyte, Mild
		Infiltration Cellular	Minimal
	Renal Tubule	Regeneration	
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 81	TRT#: 5	SEX: Male	DAY ON TEST: 148
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100081

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	* Thymus	* Thyroid Gland	

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 82	TRT#: 5	SEX: Male	DAY ON TEST: 148
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulat GI Note: TGL 2 - NCL (missing)			
* Kidney	Renal Tubule	Degeneration Infiltration Cellular	Minimal Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Mammary Gland	Duct	Hyperplasia	Minimal
* Seminal Vesicle [Depletion Secretory TGLS = 1-2A]		Depletion Secretory	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 83	TRT#: 6	SEX: Male	DAY ON TEST: 148
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* 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 -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 84	TRT#: 6	SEX: Male	DAY ON TEST: 148
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 85	TRT#: 6	SEX: Male	DAY ON TEST: 148
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100085

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	Inflammation		Suppurative, Mild
* Prostate, Ventral Lobe	Infiltration Cellular		Lymphocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 86	TRT#: 6	SEX: Male	DAY ON TEST: 148
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* 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

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 87	TRT#: 6	SEX: Male	DAY ON TEST: 148
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 88	TRT#: 7	SEX: Male	DAY ON TEST: 148
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland [Developmental Malformation TGLS = 3-2]		Developmental Malformation	
* Liver [Hepatodiaphragmatic Nodule TGLS = 1-5]		Hepatodiaphragmatic Nodule	
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle [Depletion Secretory TGLS = 2-2]		Depletion Secretory	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 89	TRT#: 7	SEX: Male	DAY ON TEST: 148
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Epididymis	* 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 -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 90	TRT#: 7	SEX: Male	DAY ON TEST: 148
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Mammary Gland	Duct	Hyperplasia	Minimal
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 91	TRT#: 7	SEX: Male	DAY ON TEST: 148
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100091

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 92	TRT#: 7	SEX: Male	DAY ON TEST: 148
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100092

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: 99920-99

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: 10:31:47

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 93

TRT#: 8

SEX: Male

DAY ON TEST: 148

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100093

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

* Coagulat GI			
Note: TGL 2 - NCL			
* Kidney	Renal Tubule	Degeneration	Minimal
	Renal Tubule	Dilatation	Mild
	Renal Tubule	Infiltration Cellular	Lymphocyte, Mild
		Regeneration	Minimal
[Dilatation TGLS = 1-4]			
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 94	TRT#: 8	SEX: Male	DAY ON TEST: 148
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney	Pelvis	Dilatation	Minimal
* Mammary Gland	Duct	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 95

TRT#: 8

SEX: Male

DAY ON TEST: 148

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Coagulating Gland
* Mammary Gland
* Seminal Vesicle
* Thyroid Gland

* Adrenal Medulla
* Epididymis
* Pituitary Gland
* Spleen

* Bone
* Kidney
* Prostate, Dorsal/lateral Lobe
* Testes

* Bone Marrow
* Liver
* Rete Testes
* Thymus

OBSERVATIONS

* Kidney
 Note: TGL 1 - NCL
* Prostate, Ventral Lobe

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 96	TRT#: 8	SEX: Male	DAY ON TEST: 148
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100096

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 97	TRT#: 8	SEX: Male	DAY ON TEST: 148
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100097

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		Hyaline Droplet	Mild
		Infiltration Cellular	Lymphocyte, Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 98	TRT#: 5	SEX: Male	DAY ON TEST: 139
	DOSE: F0 CONTROL	DISP: Natural Death	HISTO: 021380100098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Heart	* Lung	* Mammary Gland
* Rete Testes	* Skin	* Spinal Cord	* Testes
* Urinary Bladder			

MISSING

* Adrenal Medulla

AUTO PRECLUDES DIAG.

* Bone Marrow	* Coagulating Gland	* Kidney	* Liver
* Pituitary Gland	* Prostate, Dorsal/lateral Lobe	* Prostate, Ventral Lobe	* Seminal Vesicle
* Spleen	* Thymus	* Thyroid Gland	* Trachea

INSUFFICIENT TISSUE

* Adrenal Cortex

OBSERVATIONS

* Adren Cortex			
Note: Tissue cut away			
* Adren Medulla			
Note: Tissue cut away			
Eye		Autolysis	Marked
[Autolysis TGLS = 1-11]			
* Pancreas	Acinus	Degeneration	Minimal
* Testes			
Note: TGL 2 - NCL			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 119

TRT#: 5
DOSE: F0 CONTROL

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 149
HISTO: 021380100119

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	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney	Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe	Infiltration Cellular	Lymphocyte, Minimal
* Seminal Vesicle [Depletion Secretory TGLS = 1-2]	Depletion Secretory	Marked
* Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 149

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Liver	* Mammary Gland	* 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	Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 121	TRT#: 5	SEX: Male	DAY ON TEST: 149
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Testes	Seminif Tub	Degeneration	Minimal
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 149

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland [Developmental Malformation TGLS = 2-2A]		Developmental Malformation	
* Kidney	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle [Depletion Secretory TGLS = 1-2A]		Depletion Secretory	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 124	TRT#: 6	SEX: Male	DAY ON TEST: 149
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland	Bilateral	Developmental Malformation	
[Developmental Malformation TGLS = 5-2]			
* Epididymis			
Note: TGL 2 - NST			
* Kidney	Renal Tubule	Degeneration	Minimal
	Interstitialium	Fibrosis	Mild
		Infiltration Cellular	Lymphocyte, Mild
	Renal Tubule	Regeneration	Minimal
[Degeneration TGLS = 3-4]			
[Fibrosis TGLS = 3-4]			
[Infiltration Cellular TGLS = 3-4]			
[Regeneration TGLS = 3-4]			
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Depletion Secretory	Moderate
[Depletion Secretory TGLS = 4-2]			
* Testes			
Note: TGL 1 - NST			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 125	TRT#: 6	SEX: Male	DAY ON TEST: 149
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Mammary Gland

OBSERVATIONS

* Mammary GI
 Note: No RC/WT attempt per pathologist

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

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 126

TRT#: 6

SEX: Male

DAY ON TEST: 149

DOSE: F0 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland [Developmental Malformation TGLS = 2-2A]		Developmental Malformation	
* Seminal Vesicle [Depletion Secretory TGLS = 3-2A]		Depletion Secretory	Mild
* Skin [Hyperkeratosis TGLS = 1-9] [Hyperplasia TGLS = 1-9]	Epidermis	Hyperkeratosis Hyperplasia	Minimal Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 127	TRT#: 6	SEX: Male	DAY ON TEST: 149
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Rete Testes

OBSERVATIONS

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

Note: No RC/WT attempt per pathologist

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 128

TRT#: 6

SEX: Male

DAY ON TEST: 149

DOSE: F0 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland
* Testes

* Epididymis

* Rete Testes

* Seminal Vesicle

OBSERVATIONS

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

Alveolus

Hyperplasia
Infiltration Cellular
Infiltration Cellular

Mild
Lymphocyte, Mild
Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 129

TRT#: 7

SEX: Male

DAY ON TEST: 149

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland

* Epididymis

* Mammary Gland

* Prostate, Ventral Lobe

* Rete Testes

* Seminal Vesicle

* Testes

OBSERVATIONS

* Prostate, Dorsal/Lateral Lobe

Inflammation

Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 130	TRT#: 7	SEX: Male	DAY ON TEST: 149
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Preputial Gland	Duct	Dilatation Infiltration Cellular	Minimal Lymphocyte, Minimal
[Dilatation TGLS = 1-2A] [Infiltration Cellular TGLS = 1-2A]			
* Prostate, Dorsal/Lateral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 131	TRT#: 7	SEX: Male	DAY ON TEST: 149
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Testes	Seminif Tub	Degeneration	Mild
----------	-------------	--------------	------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 132

TRT#: 7

SEX: Male

DAY ON TEST: 149

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland
* Seminal Vesicle

* Epididymis

* Prostate, Dorsal/lateral Lobe

* Rete Testes

OBSERVATIONS

* Mammary Gland
* Prostate, Ventral Lobe
* Testes

Alveolus

Seminif Tub

Hyperplasia
Infiltration Cellular
Degeneration

Mild
Lymphocyte, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 133

TRT#: 7

SEX: Male

DAY ON TEST: 149

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland
* Testes

* Epididymis

* Rete Testes

* Seminal Vesicle

OBSERVATIONS

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

Alveolus

Hyperplasia
Inflammation
Infiltration Cellular

Moderate
Suppurative, Mild
Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 134

TRT#: 8

SEX: Male

DAY ON TEST: 149

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland [Developmental Malformation TGLS = 2-2A]		Developmental Malformation	
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle [Depletion Secretory TGLS = 1-2A]		Depletion Secretory	Marked
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99

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: 10:31:47

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 135

TRT#: 8

SEX: Male

DAY ON TEST: 149

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Epididymis
* Rete Testes
* Thyroid Gland

* Adrenal Medulla
* Liver
* Seminal Vesicle

* Bone
* Mammary Gland
* Testes

* Bone Marrow
* Pituitary Gland
* Thymus

MISSING

* Coagulating Gland

OBSERVATIONS

* Coagulat GI

Note: No RC/WT attempt per pathologist

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 136

TRT#: 8

SEX: Male

DAY ON TEST: 149

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulat GI Note: TGL 1 - NCL			
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Pigmentation	Minimal
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 137

TRT#: 8

SEX: Male

DAY ON TEST: 149

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100137

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			

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney		Hyaline Droplet	Minimal
		Infiltration Cellular	Lymphocyte, Mild
	Renal Tubule	Regeneration	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Note: TGL 2 - NCL			
* Thyroid Gland		Cyst	Squamous, Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 138

TRT#: 8

SEX: Male

DAY ON TEST: 149

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100138

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	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Coagulat GI			
Note: TGL 1 - NCL			
* Kidney	Cortex	Cyst	
	Renal Tubule	Dilatation	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 150

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Mammary Gland

OBSERVATIONS

* Coagulating Gland [Developmental Malformation TGLS = 3-2A]		Developmental Malformation	
* Epididymis [Atrophy TGLS = 2-2]		Atrophy	Marked
		Hypospermia	Marked
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Mammary GI Note: No RC/WT attempt per pathologist			
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Rete Testes		Dilatation	Moderate
* Testes Note: TGL 1 - NST (Right testis frozen at necropsy)	Seminif Tub	Degeneration	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 160

TRT#: 5

SEX: Male

DAY ON TEST: 150

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla

OBSERVATIONS

* Adren Medulla

Note: Recut / Reembed Attempted

* Coagulating Gland Bilateral Developmental Malformation
[Developmental Malformation TGLS = 1-2A]

* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Sem Ves			

Note: TGL 2 - NCL

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99

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: 10:31:47

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 161

TRT#: 5

SEX: Male

DAY ON TEST: 150

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Coagulating Gland
* Pituitary Gland
* Thymus

* Adrenal Medulla
* Epididymis
* Prostate, Dorsal/lateral Lobe
* Thyroid Gland

* Bone
* Liver
* Rete Testes

* Bone Marrow
* Mammary Gland
* Seminal Vesicle

OBSERVATIONS

* Kidney
* Prostate, Ventral Lobe
* Spleen
* Testes

Seminif Tub

Infiltration Cellular
Infiltration Cellular
Pigmentation
Degeneration

Lymphocyte, Minimal
Lymphocyte, Minimal
Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 162

TRT#: 5

SEX: Male

DAY ON TEST: 150

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
* Kidney	Renal Tubule	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Mineralization	Minimal
* Mammary Gland	Duct	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 150

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland	Bilateral	Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 164	TRT#: 6	SEX: Male	DAY ON TEST: 150
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100164

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	Mild Suppurative, Minimal
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[Dilatation TGLS = 1-2A]
[Inflammation TGLS = 1-2A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 165

TRT#: 6

SEX: Male

DAY ON TEST: 150

DOSE: F0 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland [Developmental Malformation TGLS = 2-2A]		Developmental Malformation	
* Mammary Gland	Alveolus	Hyperplasia	Mild
Preputial Gland [Inflammation TGLS = 1-2]		Inflammation	Suppurative, Mild
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 166	TRT#: 6	SEX: Male	DAY ON TEST: 150
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Prostate, Dorsal/Lateral Lobe	Inflammation	Suppurative, Minimal
* Prostate, Ventral Lobe	Infiltration Cellular	Lymphocyte, Minimal
* Rete Testes	Dilatation	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 167

TRT#: 6

SEX: Male

DAY ON TEST: 150

DOSE: F0 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland	Developmental Malformation
[Developmental Malformation TGLS = 1-2A]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 168

TRT#: 6
DOSE: F0 2.0 PPB

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 150
HISTO: 021380100168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland
* Rete Testes

* Epididymis
* Seminal Vesicle

* Mammary Gland
* Testes

* Prostate, Dorsal/lateral Lobe

OBSERVATIONS

* Prostate, Ventral Lobe

Infiltration Cellular

Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 169	TRT#: 7	SEX: Male	DAY ON TEST: 150
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Rete Testes

OBSERVATIONS

* Mammary Gland	Alveolus	Hyperplasia	Moderate
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Rete Testes			

Note: No RC/WT attempt per pathologist

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 150

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis
* Testes

* Prostate, Dorsal/lateral Lobe

* Rete Testes

* Seminal Vesicle

OBSERVATIONS

* Coagulating Gland
* Mammary Gland
* Prostate, Ventral Lobe

Alveolus

Developmental Malformation
Dilatation
Infiltration Cellular

Mild
Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 171	TRT#: 7	SEX: Male	DAY ON TEST: 150
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100171

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 172	TRT#: 7	SEX: Male	DAY ON TEST: 150
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Preputial Gland	Duct	Dilatation Inflammation	Mild Suppurative, Marked
[Dilatation TGLS = 1-2A] [Inflammation TGLS = 1-2A]			
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 150

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Rete Testes

* Seminal Vesicle

* Testes

OBSERVATIONS

* Coagulating Gland

Developmental Malformation

[Developmental Malformation TGLS = 1-2A]

* Mammary Gland

Duct

Hyperplasia

Minimal

* Prostate, Dorsal/Lateral Lobe

Inflammation

Suppurative, Mild

* Prostate, Ventral Lobe

Infiltration Cellular

Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 174

TRT#: 8

SEX: Male

DAY ON TEST: 150

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100174

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 175

TRT#: 8

SEX: Male

DAY ON TEST: 150

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Adrenal Medulla
* Epididymis
* Rete Testes
* Thyroid Gland

* Bone
* Mammary Gland
* Seminal Vesicle

* Bone Marrow
* Pituitary Gland
* Testes

OBSERVATIONS

* Kidney

* Liver
* Prostate, Ventral Lobe
* Spleen

Hyaline Droplet
Infiltration Cellular
Infiltration Cellular
Infiltration Cellular
Hyperplasia

Minimal
Lymphocyte, Minimal
Lymphocyte, Minimal
Lymphocyte, Minimal
Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 176

TRT#: 8

SEX: Male

DAY ON TEST: 150

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Adrenal Medulla
* Epididymis
* Rete Testes
* Thymus

* Bone
* Mammary Gland
* Seminal Vesicle

* Bone Marrow
* Pituitary Gland
* Spleen

OBSERVATIONS

* Kidney

* Liver
* Prostate, Ventral Lobe
* Thyroid Gland

Renal Tubule

Infiltration Cellular
Regeneration
Infiltration Cellular
Infiltration Cellular
Cyst

Lymphocyte, Minimal
Minimal
Lymphocyte, Minimal
Lymphocyte, Minimal
Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 177	TRT#: 8	SEX: Male	DAY ON TEST: 150
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Hyaline Droplet	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Mammary Gland	Alveolus	Hyperplasia	Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Seminal Vesicle		Depletion Secretory	Marked
	[Depletion Secretory TGLS = 1-2A]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 178	TRT#: 8	SEX: Male	DAY ON TEST: 150
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland [Developmental Malformation TGLS = 2-2A]		Developmental Malformation	
* Kidney		Hyaline Droplet	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
Preputial Gland [Inflammation TGLS = 1-2A]		Inflammation	Suppurative, Marked
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 199

TRT#: 5

SEX: Male

DAY ON TEST: 153

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100199

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		

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Lymphocyte, Minimal
	[Hepatodiaphragmatic Nodule TGLS = 1-5]		
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 200

TRT#: 5

SEX: Male

DAY ON TEST: 153

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100200

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	Interstitial	Fibrosis	Minimal
		Infiltration Cellular	Lymphocyte, Mild
	Renal Tubule	Regeneration	Minimal
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 201

TRT#: 5
DOSE: F0 CONTROL

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 153
HISTO: 021380100201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney		Hyaline Droplet	Minimal
	Renal Tubule	Regeneration	Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 202

TRT#: 5

SEX: Male

DAY ON TEST: 153

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Testes	Seminif Tub	Degeneration	Minimal
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 203

TRT#: 5

SEX: Male

DAY ON TEST: 153

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland	Bilateral	Developmental Malformation	
[Developmental Malformation TGLS = 1-2A]			
* Kidney	Renal Tubule	Dilatation	Mild
	Interstitialium	Fibrosis	Minimal
	Renal Tubule	Infiltration Cellular	Lymphocyte, Mild
		Regeneration	Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 204

TRT#: 6

SEX: Male

DAY ON TEST: 153

DOSE: F0 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland

* Mammary Gland

* Prostate, Dorsal/lateral Lobe

* Prostate, Ventral Lobe

* Rete Testes

* Seminal Vesicle

* Testes

OBSERVATIONS

* Epididymis

Infiltration Cellular

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 205	TRT#: 6	SEX: Male	DAY ON TEST: 153
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland	* Mammary Gland	* Prostate, Dorsal/lateral Lobe	* Seminal Vesicle
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INSUFFICIENT TISSUE

* Rete Testes

OBSERVATIONS

* Epididymis		Infiltration Cellular	Lymphocyte, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
* Rete Testes			
Note: No RC/WT attempt per pathologist			
* Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 206

TRT#: 6

SEX: Male

DAY ON TEST: 153

DOSE: F0 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100206

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 207

TRT#: 6

SEX: Male

DAY ON TEST: 153

DOSE: F0 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Coagulating Gland
* Prostate, Dorsal/lateral Lobe

* Epididymis
* Rete Testes

* Kidney
* Seminal Vesicle

* Mammary Gland
* Testes

OBSERVATIONS

* Kidney
Note: TGL 2 - NCL

* Liver
[Developmental Malformation TGLS = 1-5]

* Prostate, Ventral Lobe

Developmental Malformation

Infiltration Cellular

Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 208	TRT#: 6	SEX: Male	DAY ON TEST: 153
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Mild
	Renal Tubule	Dilatation	Marked
		Infiltration Cellular	Lymphocyte, Mild
	Renal Tubule	Regeneration	Minimal
[Dilatation TGLS = 1-4]			
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 209	TRT#: 7	SEX: Male	DAY ON TEST: 153
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 210

TRT#: 7

SEX: Male

DAY ON TEST: 153

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 211

TRT#: 7

SEX: Male

DAY ON TEST: 153

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Mammary Gland

* Seminal Vesicle

OBSERVATIONS

* Coagulating Gland

[Developmental Malformation TGLS = 3-2]

Developmental Malformation

* Liver

[Hepatodiaphragmatic Nodule TGLS = 1-5]

Hepatodiaphragmatic Nodule

* Prostate, Dorsal/Lateral Lobe

Infiltration Cellular

Lymphocyte, Minimal

* Prostate, Ventral Lobe

Infiltration Cellular

Lymphocyte, Mild

* Rete Testes

Dilatation

Marked

* Testes

Seminif Tub

Degeneration

Marked

[Degeneration TGLS = 2-7A]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 212	TRT#: 7	SEX: Male	DAY ON TEST: 153
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Testes	Seminif Tub	Degeneration	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 213

TRT#: 7

SEX: Male

DAY ON TEST: 153

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 214

TRT#: 8

SEX: Male

DAY ON TEST: 153

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Epididymis
* Seminal Vesicle
* Thyroid Gland

* Adrenal Medulla
* Kidney
* Spleen

* Bone
* Pituitary Gland
* Testes

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

INSUFFICIENT TISSUE

* Rete Testes

OBSERVATIONS

* Coagulating Gland

[Developmental Malformation TGLS = 1-2]

* Liver

* Mammary Gland

* Prostate, Ventral Lobe

* Rete Testes

Note: No RC/WT attempt per pathologist

Developmental Malformation

Inflammation

Hyperplasia

Infiltration Cellular

Chronic Active, Minimal

Mild

Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 215	TRT#: 8	SEX: Male	DAY ON TEST: 153
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100215

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	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 216

TRT#: 8

SEX: Male

DAY ON TEST: 153

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 2-2]			
* Kidney	Renal Tubule	Dilatation	Minimal
		Hyaline Droplet	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
	Renal Tubule	Regeneration	Minimal
* Mammary Gland	Alveolus	Hyperplasia	Moderate
Preputial Gland	Duct	Dilatation	Mild
[Dilatation TGLS = 1-2]			
* Prostate, Dorsal/Lateral Lobe		Inflammation	Suppurative, Moderate
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99

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: 10:31:47

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 217

TRT#: 8

SEX: Male

DAY ON TEST: 153

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Pituitary Gland
* Spleen

* Adrenal Medulla
* Prostate, Dorsal/lateral Lobe
* Testes

* Bone
* Rete Testes
* Thymus

* Bone Marrow
* Seminal Vesicle
* Thyroid Gland

OBSERVATIONS

* Coagulating Gland

[Developmental Malformation TGLS = 1-2]

* Epididymis

* Kidney

Cortex
Renal Tubule

Renal Tubule

[Cyst TGLS = 2-4]

* Liver

* Mammary Gland

* Prostate, Ventral Lobe

Alveolus

Developmental Malformation

Infiltration Cellular
Cyst

Dilatation
Infiltration Cellular
Regeneration

Basophilic Focus
Infiltration Cellular
Hyperplasia
Infiltration Cellular

Lymphocyte, Minimal

Mild

Lymphocyte, Minimal
Mild

Lymphocyte, Minimal

Minimal

Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 218

TRT#: 8

SEX: Male

DAY ON TEST: 153

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Adrenal Medulla
* Epididymis
* Rete Testes
* Thymus

* Bone
* Kidney
* Seminal Vesicle
* Thyroid Gland

* Bone Marrow
* Pituitary Gland
* Spleen

OBSERVATIONS

* Liver
* Mammary Gland
* Prostate, Ventral Lobe

Alveolus

Inflammation
Hyperplasia
Infiltration Cellular

Chronic Active, Minimal
Minimal
Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 18	TRT#: 1	SEX: Female	DAY ON TEST: 140
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100018

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

* Ovary	Proestrus
* Uterus	Proestrus
* Vagina	Proestrus
Note: late	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 19	TRT#: 1	SEX: Female	DAY ON TEST: 140
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100019

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

* Ovary	Metestrus
* Uterus	Metestrus
* Vagina	Metestrus

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 20	TRT#: 2	SEX: Female	DAY ON TEST: 140
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
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OBSERVATIONS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 21	TRT#: 1	SEX: Female	DAY ON TEST: 140
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Cortex	Cyst	
	Renal Tubule	Mineralization	Minimal
* Liver		Developmental Malformation	
	[Developmental Malformation TGLS = 1-5]		
* Ovary		Diestrus	
* Pituitary Gl			
	Note: TGL 3 - NST		
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 2 - NST (Brain, deformity)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 22	TRT#: 1	SEX: Female	DAY ON TEST: 140
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100022

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

* Ovary	Diestrus
* Uterus	Diestrus
* Vagina	Diestrus

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 23	TRT#: 1	SEX: Female	DAY ON TEST: 140
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100023

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

* Ovary	Proestrus
* Uterus	Proestrus
Note: TGL 1 is normal proestrus	
Note: TGL 1 - NCL	
* Vagina	Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 24	TRT#: 2	SEX: Female	DAY ON TEST: 140
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100024

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 25	TRT#: 2	SEX: Female	DAY ON TEST: 140
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Cortex	Cyst	
	Renal Tubule	Mineralization	Minimal
* Ovary		Proestrus	
* Uterus		Diestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 26	TRT#: 2	SEX: Female	DAY ON TEST: 140
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct	* Skin
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OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Diestrus	
* Skin			
Note: TGL 1 - NCL			
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 27	TRT#: 2	SEX: Female	DAY ON TEST: 140
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
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OBSERVATIONS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 28	TRT#: 3	SEX: Female	DAY ON TEST: 140
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct	* Skin
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OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Diestrus	
* Skin			
Note: TGL 1 - NCL			
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 29	TRT#: 3	SEX: Female	DAY ON TEST: 140
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Diestrus	
Note: late			
* Uterus		Diestrus	
Note: late			
* Vagina		Diestrus	
Note: late			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 30	TRT#: 3	SEX: Female	DAY ON TEST: 140
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99

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: 10:31:47

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 31

TRT#: 3

SEX: Female

DAY ON TEST: 140

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland

* Oviduct

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 32	TRT#: 3	SEX: Female	DAY ON TEST: 140
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Mammary Gland	* Oviduct
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OBSERVATIONS

* Liver	Developmental Malformation
[Developmental Malformation TGLS = 1-5]	
* Ovary	Diestrus
* Uterus	Diestrus
* Vagina	Diestrus

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 33	TRT#: 4	SEX: Female	DAY ON TEST: 140
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
* Ovary	Estrus	
* Uterus	Estrus	
* Vagina	Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 34	TRT#: 4	SEX: Female	DAY ON TEST: 140
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Unilateral	Accessory Adrenal Cortical Nodule	
* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Estrus	
* Spleen		Pigmentation	Mild
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99

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: 10:31:47

First Dose M/F: NA / NA

Lab: NCTR

ANIMAL ID: 35

TRT#: 4

SEX: Female

DAY ON TEST: 140

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100035

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

* Liver
Note: TGL 1 - NST

* Ovary
Follicle
Corpus Luteum

* Uterus
Estrus

* Vagina
Epithelium
Hyperplasia
Mild

Note: Compatible with appearance of ovaries and uterus

Note: Vaginal epithelium appears most like estrus, but multiple layers and lack of early cornification suggest influence of exogenous estrogen.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 36	TRT#: 4	SEX: Female	DAY ON TEST: 140
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100036

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	Mild
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 37	TRT#: 4	SEX: Female	DAY ON TEST: 140
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100037

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	Moderate
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 58	TRT#: 1	SEX: Female	DAY ON TEST: 148
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100058

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	Corpus Luteum	Cyst	
		Diestrus	
* Uterus		Diestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 59	TRT#: 1	SEX: Female	DAY ON TEST: 148
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 60	TRT#: 1	SEX: Female	DAY ON TEST: 148
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100060

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		Proestrus	
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 61	TRT#: 1	SEX: Female	DAY ON TEST: 148
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100061

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	Marked
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 62	TRT#: 1	SEX: Female	DAY ON TEST: 148
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Moderate
* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Estrus	
* Pituitary Gland			
Note: TGL 1 - NCL			
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 63	TRT#: 2	SEX: Female	DAY ON TEST: 148
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100063

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 64	TRT#: 2	SEX: Female	DAY ON TEST: 148
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Ovary		Proestrus	
* Uterus		Proestrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 65	TRT#: 2	SEX: Female	DAY ON TEST: 148
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration Infarct	Focal, Marked
	Renal Tubule	Mineralization	Minimal
Note: Mineralization located on slide 4A [Infarct TGLS = 1-4]			
* Mammary Gland	Alveolus	Hyperplasia	Minimal
* Ovary		Metestrus	
* Uterus		Metestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 66	TRT#: 2	SEX: Female	DAY ON TEST: 148
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney	* Mammary Gland	* Oviduct
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OBSERVATIONS

* Ovary	Proestrus
* Uterus	Proestrus
Note: TGL 1 is normal proestrus	
Note: TGL 1 - NCL	
* Vagina	Proestrus

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 67	TRT#: 2	SEX: Female	DAY ON TEST: 148
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 68	TRT#: 3	SEX: Female	DAY ON TEST: 148
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

Note: early

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 69	TRT#: 3	SEX: Female	DAY ON TEST: 148
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Metestrus	
* Uterus		Metestrus	
Note: early			
* Vagina		Metestrus	
Note: early			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 71	TRT#: 3	SEX: Female	DAY ON TEST: 148
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 72	TRT#: 3	SEX: Female	DAY ON TEST: 148
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100072

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 73	TRT#: 4	SEX: Female	DAY ON TEST: 148
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100073

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	Mild
		Nephropathy	Minimal
* Ovary		Diestrus	
* Spleen		Pigmentation	Mild
* Uterus		Proestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 74	TRT#: 4	SEX: Female	DAY ON TEST: 148
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100074

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		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 75	TRT#: 4	SEX: Female	DAY ON TEST: 148
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100075

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		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 76	TRT#: 4	SEX: Female	DAY ON TEST: 148
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100076

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	Alveolus	Hyperplasia	Minimal
* Ovary		Estrus	
* Uterus		Estrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 77	TRT#: 4	SEX: Female	DAY ON TEST: 148
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal
* Ovary	Diestrus	
* Uterus	Diestrus	
* Vagina	Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 99	TRT#: 1	SEX: Female	DAY ON TEST: 149
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Liver		Fatty Change	Focal, Mild
		Inflammation	Chronic Active, Minimal
	[Fatty Change TGLS = 1-5]		
* Ovary		Diestrus	
* Uterus		Diestrus	
* Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 100

TRT#: 1

SEX: Female

DAY ON TEST: 149

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100100

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, Moderate

[Inflammation TGLS = 1-9]

* Kidney
* Ovary
* Uterus
* Vagina

Renal Tubule

Mineralization
Diestrus
Diestrus
Diestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 101	TRT#: 1	SEX: Female	DAY ON TEST: 149
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100101

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	Marked
		Nephropathy	Minimal
* Ovary		Proestrus	
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 102

TRT#: 1

SEX: Female

DAY ON TEST: 149

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100102

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, Moderate

[Distended TGLS = 1-9]

* Kidney
* Ovary
* Uterus

Renal Tubule

Mineralization
Proestrus
Proestrus

Minimal

Note: TGL 2 - NCL

Note: TGL 2 is normal proestrus

* Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 103

TRT#: 1

SEX: Female

DAY ON TEST: 149

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100103

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 104	TRT#: 2	SEX: Female	DAY ON TEST: 149
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 105	TRT#: 2	SEX: Female	DAY ON TEST: 149
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Proestrus	
* Uterus	Endometrial Gl	Dilatation	Moderate
		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 106	TRT#: 2	SEX: Female	DAY ON TEST: 149
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100106

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 107	TRT#: 2	SEX: Female	DAY ON TEST: 149
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 109	TRT#: 3	SEX: Female	DAY ON TEST: 149
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 110

TRT#: 3

SEX: Female

DAY ON TEST: 149

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 111	TRT#: 3	SEX: Female	DAY ON TEST: 149
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100111

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 112	TRT#: 3	SEX: Female	DAY ON TEST: 149
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100112

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 113	TRT#: 3	SEX: Female	DAY ON TEST: 149
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100113

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 114	TRT#: 4	SEX: Female	DAY ON TEST: 149
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100114

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 115

TRT#: 4

SEX: Female

DAY ON TEST: 149

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thyroid Gland

* Adrenal Medulla
* Oviduct

* Bone
* Pituitary Gland

* Bone Marrow
* Thymus

OBSERVATIONS

* Kidney
* Mammary Gland
* Ovary
* Spleen
* Uterus
* Vagina

Renal Tubule
Alveolus

Mineralization
Hyperplasia
Diestrus
Pigmentation
Diestrus
Diestrus

Minimal
Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 116

TRT#: 4

SEX: Female

DAY ON TEST: 149

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100116

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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 117	TRT#: 4	SEX: Female	DAY ON TEST: 149
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100117

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		Proestrus	
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 118

TRT#: 4

SEX: Female

DAY ON TEST: 149

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100118

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
 Note: TGL 1 - NCL
 Note: TGL 1 is normal proestrus
* Vagina

Renal Tubule

Mineralization
Proestrus
Pigmentation
Proestrus

Minimal

Minimal

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 139

TRT#: 1

SEX: Female

DAY ON TEST: 150

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100139

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
* Skin
 [Inflammation TGLS = 1-9]
* Uterus
* Vagina

Cortex
Renal Tubule

Cyst
Mineralization
Estrus
Inflammation

Minimal
Chronic, Focal, Moderate

Estrus
Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 140

TRT#: 1

SEX: Female

DAY ON TEST: 150

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Mammary Gland
* Thyroid Gland

* Adrenal Medulla
* Oviduct

* Bone
* Spleen

* Bone Marrow
* Thymus

OBSERVATIONS

* Kidney Renal Tubule
* Liver
 [Developmental Malformation TGLS = 1-5]
* Ovary
* Pituitary Gland
* Uterus
* Vagina

Mineralization
Developmental Malformation

Minimal

Estrus
Cyst
Estrus
Metestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 141	TRT#: 1	SEX: Female	DAY ON TEST: 150
	DOSE: F0 CONTROL	DISP: Terminal Sacrifice	HISTO: 021380100141

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	Mild
* Ovary		Metestrus	
* Spleen		Fibrosis	Focal, Minimal
		Pigmentation	Minimal
* Uterus		Metestrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 142

TRT#: 1

SEX: Female

DAY ON TEST: 150

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100142

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
Metestrus
Metestrus
Metestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 143

TRT#: 1

SEX: Female

DAY ON TEST: 150

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Oviduct
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

* Liver
* Thymus

OBSERVATIONS

* Adrenal Cortex
* Kidney

* Mammary Gland
* Ovary
* Uterus
* Vagina

Renal Tubule
Alveolus

Accessory Adrenal Cortical Nodule
Infarct
Mineralization
Hyperplasia
Proestrus
Proestrus
Proestrus

Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 144	TRT#: 2	SEX: Female	DAY ON TEST: 150
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney * Oviduct

OBSERVATIONS

* Mammary Gland	Alveolus	Hyperplasia	Mild
* Ovary		Proestrus	
* Skin		Hyperkeratosis	Focal, Moderate
[Hyperkeratosis TGLS = 1-9]			
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 145	TRT#: 2	SEX: Female	DAY ON TEST: 150
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 146	TRT#: 2	SEX: Female	DAY ON TEST: 150
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 148	TRT#: 2	SEX: Female	DAY ON TEST: 150
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct * Skin

OBSERVATIONS

* Clitoral Gland		Distended	
		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 2-9A]			
* Kidney	Renal Tubule	Mineralization	Mild
* Mammary Gland	Alveolus	Hyperplasia	Minimal
* Ovary		Cyst	
		Proestrus	
[Cyst TGLS = 4-1]			
* Skin			
Note: TGL 1 - NCL			
* Uterus		Proestrus	
Note: TGL 3 - NCL			
Note: TGL 3 is normal proestrus			
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 149	TRT#: 3	SEX: Female	DAY ON TEST: 150
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	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: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 150	TRT#: 3	SEX: Female	DAY ON TEST: 150
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Focal, Mild
	Renal Tubule	Mineralization	Minimal
* Ovary		Proestrus	
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 151	TRT#: 3	SEX: Female	DAY ON TEST: 150
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 152	TRT#: 3	SEX: Female	DAY ON TEST: 150
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 153	TRT#: 3	SEX: Female	DAY ON TEST: 150
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 154

TRT#: 4

SEX: Female

DAY ON TEST: 150

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100154

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
Metestrus
Metestrus
Metestrus

Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 155

TRT#: 4

SEX: Female

DAY ON TEST: 150

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100155

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

Proestrus
Proestrus
Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 156	TRT#: 4	SEX: Female	DAY ON TEST: 150
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100156

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		Estrus	
* Uterus		Estrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 157	TRT#: 4	SEX: Female	DAY ON TEST: 150
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100157

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	Mild
* Ovary		Proestrus	
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 158	TRT#: 4	SEX: Female	DAY ON TEST: 150
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100158

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

* Ovary	Proestrus
* Uterus	Proestrus
* Vagina	Estrus

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 179

TRT#: 1

SEX: Female

DAY ON TEST: 153

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Liver
* Thymus

* Adrenal Medulla
* Mammary Gland
* Thyroid Gland

* Bone
* Pituitary Gland

* Bone Marrow
* Spleen

MISSING

* Oviduct

OBSERVATIONS

* Kidney
* Ovary
* Oviduct
Note: No recut per pathologist
* Uterus
* Vagina

Renal Tubule

Mineralization
Diestrus

Mild

Diestrus
Diestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 180

TRT#: 1

SEX: Female

DAY ON TEST: 153

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Developmental Malformation	
[Developmental Malformation TGLS = 2-5]		
* Ovary	Estrus	
* Skin		
Note: TGL 1 - NCL		
* Uterus	Proestrus	
Note: TGL 3 - NCL		
Note: TGL 3 is normal proestrus		
* Vagina	Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 181

TRT#: 1

SEX: Female

DAY ON TEST: 153

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100181

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
Estrus
Estrus

Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 182

TRT#: 1

SEX: Female

DAY ON TEST: 153

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100182

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
Metestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 183

TRT#: 1

SEX: Female

DAY ON TEST: 153

DOSE: F0 CONTROL

DISP: Terminal Sacrifice

HISTO: 021380100183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Mammary Gland
* Thyroid Gland

* Adrenal Medulla
* Oviduct

* Bone
* Pituitary Gland

* Bone Marrow
* Thymus

OBSERVATIONS

* Kidney
[Cyst TGLS = 1-4]

Cortex
Renal Tubule

Cyst
Mineralization

Moderate

* Liver
* Ovary
* Pituitary Gl
Note: TGL 2 - NCL

Inflammation
Metestrus

Chronic Active, Minimal

* Spleen
* Uterus
* Vagina

Pigmentation
Metestrus
Metestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 184	TRT#: 2	SEX: Female	DAY ON TEST: 153
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
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OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary	Corpus Luteum	Cyst	
		Metestrus	
* Uterus		Metestrus	
Note: TGL 1 - NCL			
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 185	TRT#: 2	SEX: Female	DAY ON TEST: 153
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 186	TRT#: 2	SEX: Female	DAY ON TEST: 153
	DOSE: F0 2.0 PPB	DISP: Terminal Sacrifice	HISTO: 021380100186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Minimal
* Ovary		Proestrus	
* Oviduct	Mucosa	Hyperplasia	Mild
* Uterus		Proestrus	
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 187

TRT#: 2

SEX: Female

DAY ON TEST: 153

DOSE: F0 2.0 PPB

DISP: Terminal Sacrifice

HISTO: 021380100187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

* Kidney	Cortex	Cyst	
	Renal Tubule	Mineralization	Marked
* Mammary Gland	Alveolus	Hyperplasia	Minimal
* Ovary		Estrus	
* Uterus		Proestrus	
* Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 190	TRT#: 3	SEX: Female	DAY ON TEST: 153
	DOSE: F0 10 PPB	DISP: Terminal Sacrifice	HISTO: 021380100190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Mammary Gland	* Oviduct
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OBSERVATIONS

* Kidney	Renal Tubule	Mineralization	Mild
* Ovary		Diestrus	
* Uterus		Diestrus	
	Endometrial Gl	Hyperplasia	Minimal
* Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 193

TRT#: 3

SEX: Female

DAY ON TEST: 153

DOSE: F0 10 PPB

DISP: Terminal Sacrifice

HISTO: 021380100193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Oviduct

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 194

TRT#: 4

SEX: Female

DAY ON TEST: 153

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100194

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
* Ovary
* Uterus
* Vagina

Arteriole

Nuclear Alteration
Inflammation
Estrus
Estrus
Metestrus

Moderate
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 195

TRT#: 4

SEX: Female

DAY ON TEST: 153

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100195

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

* Ovary
* Uterus
* Vagina

Mineralization Minimal
Nephropathy Minimal
Estrus
Estrus
Metestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 196

TRT#: 4

SEX: Female

DAY ON TEST: 153

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Kidney
* Pituitary Gland

* Adrenal Medulla
* Liver
* Thymus

* Bone
* Mammary Gland
* Thyroid Gland

* Bone Marrow
* Oviduct

OBSERVATIONS

* Ovary
* Spleen
* Uterus
* Vagina

Estrus
Pigmentation
Estrus
Estrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 197

TRT#: 4

SEX: Female

DAY ON TEST: 153

DOSE: F0 50 PPB

DISP: Terminal Sacrifice

HISTO: 021380100197

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
 Note: TGL 1 - NCL
 Note: TGL 1 is normal proestrus
* Vagina

Renal Tubule

Mineralization
Proestrus
Pigmentation
Proestrus

Minimal

Minimal

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99920-99
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: 10:31:47
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 198	TRT#: 4	SEX: Female	DAY ON TEST: 153
	DOSE: F0 50 PPB	DISP: Terminal Sacrifice	HISTO: 021380100198

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		Estrus	
* Uterus		Estrus	
* Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****