

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

C Number:	MG96005
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: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1034

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Coagulating Gland
Pituitary Gland
Skin
Thyroid Gland

Adrenal Medulla
Epididymis
Prostate, Dorsal Lobe
Spleen

Bone Marrow
Kidney
Rete Testes
Testes

Bone, Femur
Mammary Gland
Seminal Vesicle
Thymus

OBSERVATIONS

Liver
Prostate, Ventral Lobe

Inflammation
Inflammation

Chronic, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1035	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Kidney	Pituitary Gland
Rete Testes	Seminal Vesicle	Skin	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1036

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Coagulating Gland
Pituitary Gland
Skin
Thyroid Gland

Adrenal Medulla
Epididymis
Prostate, Dorsal Lobe
Spleen

Bone Marrow
Kidney
Rete Testes
Testes

Bone, Femur
Mammary Gland
Seminal Vesicle
Thymus

OBSERVATIONS

Liver
Prostate, Ventral Lobe

Inflammation
Inflammation

Chronic, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1037

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Epididymis
Testes

Mammary Gland

Rete Testes

OBSERVATIONS

Prostate, Dorsal Lobe
Prostate, Ventral Lobe

Inflammation
Inflammation

Chronic, Minimal
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1038

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

Rete Testes

OBSERVATIONS

Epididymis
Prostate, Ventral Lobe

Infiltration Cellular
Inflammation

Lymphocyte, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1039

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Epididymis
Testes

Mammary Gland

Rete Testes

OBSERVATIONS

Prostate, Dorsal Lobe
Prostate, Ventral Lobe

Inflammation
Inflammation

Suppurative, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1040

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Prostate, Dorsal Lobe
Testes

Epididymis
Prostate, Ventral Lobe

Mammary Gland
Rete Testes

Prostate
Seminal Vesicle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1041	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F4/5PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Prostate, Dorsal Lobe	Rete Testes
Seminal Vesicle	Testes		

OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1042	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F4/5PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Rete Testes
Seminal Vesicle	Testes		

OBSERVATIONS

Mesentery [Inflammation TGLS = 1-8]	Inflammation	Chronic Active, Marked
Prostate, Dorsal Lobe	Inflammation	Chronic, Minimal
	Inflammation	Suppurative, Mild
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1043

TRT#: 7

SEX: Male

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Epididymis

Mammary Gland

Rete Testes

OBSERVATIONS

Prostate, Dorsal Lobe
Prostate, Ventral Lobe
Testes

Seminif Tub

Inflammation
Inflammation
Degeneration

Chronic, Minimal
Chronic, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1044

TRT#: 7

SEX: Male

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Epididymis

Prostate, Dorsal Lobe

Rete Testes

OBSERVATIONS

Mammary Gland
Prostate, Ventral Lobe
Testes

Alveolus

Seminif Tub

Hyperplasia
Inflammation
Degeneration

Mild
Chronic, Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1045	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F4/100PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Penis
Prostate, Dorsal Lobe	Rete Testes	Testes	

OBSERVATIONS

Prostate, Ventral Lobe	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1046

TRT#: 7

SEX: Male

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1047

TRT#: 7

SEX: Male

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1048	TRT#: 7	SEX: Male	DAY ON TEST: 160
	DOSE: F4/100PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Mammary Gland	Rete Testes
Seminal Vesicle	Testes		

OBSERVATIONS

Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
Prostate, Ventral Lobe	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1049

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Liver	Mammary Gland
Pituitary Gland	Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle
Skin	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1050

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Pelvis	Dilatation	Mild
		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1051

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney	Cortex	Cyst	
		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	Multiple
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1052

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1053

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Skin	Thymus
Thyroid Gland			

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1054

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Kidney	Mammary Gland
Pituitary Gland	Rete Testes	Seminal Vesicle	Skin
Spleen	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Liver	Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1074	TRT#: 5	SEX: Male	DAY ON TEST: 162
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1075

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
	Renal Tubule	Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1076

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Seminal Vesicle
Skin	Testes	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1077

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1078	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Minimal
Liver		Vacuolization Cytoplasmic	Minimal
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1079

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe		Inflammation	Chronic, Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1080	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Mammary Gland	Pituitary Gland	Seminal Vesicle
Skin	Spleen	Thymus	Thyroid Gland

OBSERVATIONS

Epididymis		Hypospermia	Marked
[Hypospermia TGLS = 2-6.1]			
Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Rete Testes		Dilatation	Moderate
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1081

TRT#: 6

SEX: Male

DAY ON TEST: 162

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Prostate, Dorsal Lobe
Testes

Epididymis
Prostate, Ventral Lobe

Mammary Gland
Rete Testes

Prostate
Seminal Vesicle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1082

TRT#: 6
DOSE: F4/5PPM TO CTL

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 162
HISTO: 21320101082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Prostate, Dorsal Lobe
Testes

Epididymis
Prostate, Ventral Lobe

Mammary Gland
Rete Testes

Prostate
Seminal Vesicle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1083

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Epididymis
Testes

Mammary Gland

Rete Testes

OBSERVATIONS

Prostate, Dorsal Lobe

Inflammation

Chronic, Mild

Inflammation

Suppurative, Minimal

Prostate, Ventral Lobe

Inflammation

Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1084	TRT#: 6	SEX: Male	DAY ON TEST: 161
	DOSE: F4/5PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Prostate, Ventral Lobe	Inflammation	Chronic, Minimal
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1085	TRT#: 7	SEX: Male	DAY ON TEST: 162
	DOSE: F4/100PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Rete Testes	Seminal Vesicle
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OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Dorsal Lobe		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1086	TRT#: 7	SEX: Male	DAY ON TEST: 162
	DOSE: F4/100PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Prostate, Ventral Lobe	Inflammation	Suppurative, Minimal
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PRIMARY CAUSE OF DEATH -

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1087

TRT#: 7

SEX: Male

DAY ON TEST: 162

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1088	TRT#: 7	SEX: Male	DAY ON TEST: 162
	DOSE: F4/100PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Prostate, Ventral Lobe	Inflammation	Chronic, Minimal
------------------------	--------------	------------------

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1089

TRT#: 8

SEX: Male

DAY ON TEST: 162

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Skin
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
Liver		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1090	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F4/500PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Skin
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
Liver		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1091	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F4/500PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Pelvis	Dilatation	Moderate
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1092

TRT#: 8

SEX: Male

DAY ON TEST: 162

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Coagulating Gland
Pituitary Gland
Skin
Thyroid Gland

Adrenal Medulla
Epididymis
Prostate, Dorsal Lobe
Spleen

Bone Marrow
Kidney
Rete Testes
Testes

Bone, Femur
Mammary Gland
Seminal Vesicle
Thymus

OBSERVATIONS

Liver
Prostate, Ventral Lobe

Inflammation
Inflammation

Chronic, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1093

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Coagulating Gland
Pituitary Gland
Skin

Adrenal Medulla
Epididymis
Prostate, Dorsal Lobe
Testes

Bone Marrow
Kidney
Rete Testes
Thymus

Bone, Femur
Mammary Gland
Seminal Vesicle
Thyroid Gland

OBSERVATIONS

Liver
Prostate, Ventral Lobe
Spleen

Inflammation
Inflammation
Pigmentation

Chronic, Minimal
Chronic, Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1115

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Seminal Vesicle	Skin	Testes	Thymus
Thyroid Gland			

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1116

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Pelvis	Dilatation	Mild
		Inflammation	Chronic, Minimal
[Dilatation TGLS = 1-2]			
Liver		Inflammation	Chronic, Minimal
		Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1117	TRT#: 5	SEX: Male	DAY ON TEST: 162
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Skin
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
		Necrosis	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Moderate
Spleen	Adventitia	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1118

TRT#: 5
DOSE: F4 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 161
HISTO: 21320101118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
Prostate, Ventral Lobe	Inflammation	Chronic, Mild
	Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1119

TRT#: 6

SEX: Male

DAY ON TEST: 162

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Prostate, Dorsal Lobe

Epididymis
Prostate, Ventral Lobe

Mammary Gland
Seminal Vesicle

Prostate
Testes

MISSING

Rete Testes

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1120	TRT#: 6	SEX: Male	DAY ON TEST: 162
	DOSE: F4/5PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Prostate, Dorsal Lobe	Seminal Vesicle
Testes			

MISSING

Rete Testes

OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1121

TRT#: 6

SEX: Male

DAY ON TEST: 162

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Epididymis
Testes

Mammary Gland

Rete Testes

OBSERVATIONS

Prostate, Dorsal Lobe
Prostate, Ventral Lobe

Inflammation
Inflammation
Inflammation

Suppurative, Mild
Suppurative, Minimal
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1122

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Testes

Epididymis

Mammary Gland

Seminal Vesicle

MISSING

Rete Testes

OBSERVATIONS

Prostate, Dorsal Lobe
Prostate, Ventral Lobe

Inflammation
Inflammation

Suppurative, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1123

TRT#: 6

SEX: Male

DAY ON TEST: 160

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1124

TRT#: 7

SEX: Male

DAY ON TEST: 163

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland

Prostate, Dorsal Lobe

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Mild

Testes

Seminif Tub

Inflammation

Suppurative, Mild

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1125

TRT#: 7

SEX: Male

DAY ON TEST: 163

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1126

TRT#: 7

SEX: Male

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Epididymis
Testes

Mammary Gland

Rete Testes

OBSERVATIONS

Prostate, Dorsal Lobe
Prostate, Ventral Lobe

Inflammation
Inflammation
Inflammation

Chronic, Minimal
Chronic, Minimal
Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1127

TRT#: 7

SEX: Male

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Testes

Epididymis

Mammary Gland

Seminal Vesicle

MISSING

Rete Testes

OBSERVATIONS

Prostate, Dorsal Lobe

Inflammation

Chronic, Minimal

Inflammation

Suppurative, Minimal

Prostate, Ventral Lobe

Inflammation

Chronic, Mild

Inflammation

Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1128	TRT#: 8	SEX: Male	DAY ON TEST: 162
	DOSE: F4/500PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1129

TRT#: 8

SEX: Male

DAY ON TEST: 162

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe	Inflammation	Suppurative, Minimal
	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1130

TRT#: 8

SEX: Male

DAY ON TEST: 162

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Thyroid Gland		

MISSING

Rete Testes

OBSERVATIONS

Kidney		Casts Protein	Minimal
		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1131	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F4/500PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Pituitary Gland	Prostate, Dorsal Lobe	Seminal Vesicle
Skin	Spleen	Thymus	Thyroid Gland

MISSING

Rete Testes

OBSERVATIONS

Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Kidney	Cortex	Cyst	
		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Vacuolization Cytoplasmic	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1132	TRT#: 8	SEX: Male	DAY ON TEST: 160
	DOSE: F4/500PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Skin

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1152

TRT#: 5
DOSE: F4 0 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 164
HISTO: 21320101152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1153	TRT#: 5	SEX: Male	DAY ON TEST: 163
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone Marrow	Bone, Femur	Coagulating Gland
Epididymis	Liver	Mammary Gland	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Skin
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1154	TRT#: 5	SEX: Male	DAY ON TEST: 162
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1155	TRT#: 5	SEX: Male	DAY ON TEST: 162
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Vacuolization Cytoplasmic	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1156

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1157

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Mammary Gland	Pituitary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1158	TRT#: 5	SEX: Male	DAY ON TEST: 161
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Rete Testes	Seminal Vesicle	Skin	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney	Renal Tubule	Regeneration	Minimal
Liver		Vacuolization Cytoplasmic	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Mild
Spleen	Adventitia	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1159

TRT#: 5

SEX: Male

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Coagulating Gland
Pituitary Gland
Skin
Thyroid Gland

Adrenal Medulla
Epididymis
Prostate, Dorsal Lobe
Spleen

Bone Marrow
Kidney
Rete Testes
Testes

Bone, Femur
Mammary Gland
Seminal Vesicle
Thymus

OBSERVATIONS

Liver

Prostate, Ventral Lobe

Inflammation
Necrosis
Inflammation

Chronic, Minimal
Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1160

TRT#: 5

SEX: Male

DAY ON TEST: 160

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Pituitary Gland	Prostate, Dorsal Lobe
Rete Testes	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1161	TRT#: 6	SEX: Male	DAY ON TEST: 162
	DOSE: F4/5PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Testes	Seminif Tub	Degeneration	Minimal
--------	-------------	--------------	---------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1162	TRT#: 6	SEX: Male	DAY ON TEST: 162
	DOSE: F4/5PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Prostate, Ventral Lobe	Inflammation	Chronic, Mild
------------------------	--------------	---------------

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1163

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1164

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1165

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Testes

Epididymis

Rete Testes

Seminal Vesicle

OBSERVATIONS

Mammary Gland
Prostate, Dorsal Lobe

Alveolus

Hyperplasia
Inflammation
Inflammation
Inflammation

Minimal
Chronic, Minimal
Suppurative, Mild
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1166

TRT#: 7

SEX: Male

DAY ON TEST: 162

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Epididymis
Testes

Mammary Gland

Rete Testes

OBSERVATIONS

Prostate, Dorsal Lobe
Prostate, Ventral Lobe

Inflammation
Inflammation
Inflammation

Suppurative, Minimal
Chronic, Mild
Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1167

TRT#: 7

SEX: Male

DAY ON TEST: 162

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland

Rete Testes

Seminal Vesicle

Testes

OBSERVATIONS

Epididymis

Infiltration Cellular

Lymphocyte, Minimal

Mammary Gland

Alveolus

Hyperplasia

Minimal

Prostate, Dorsal Lobe

Inflammation

Chronic, Minimal

Prostate, Ventral Lobe

Inflammation

Suppurative, Minimal

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1168

TRT#: 7

SEX: Male

DAY ON TEST: 162

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Epididymis
Testes

Prostate, Dorsal Lobe

Rete Testes

OBSERVATIONS

Mammary Gland
Prostate, Ventral Lobe

Alveolus

Hyperplasia
Inflammation

Minimal
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1169	TRT#: 7	SEX: Male	DAY ON TEST: 161
	DOSE: F4/100PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland	Epididymis	Prostate, Dorsal Lobe	Rete Testes
Seminal Vesicle	Testes		

OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1170

TRT#: 7

SEX: Male

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Prostate, Dorsal Lobe
Testes

Epididymis
Prostate, Ventral Lobe

Mammary Gland
Rete Testes

Prostate
Seminal Vesicle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1171

TRT#: 7

SEX: Male

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Epididymis
Testes

Mammary Gland

Rete Testes

OBSERVATIONS

Prostate, Dorsal Lobe
Prostate, Ventral Lobe

Inflammation
Inflammation

Chronic, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1172	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F4/500PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Mild
	Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1173

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1193

TRT#: 5

SEX: Male

DAY ON TEST: 163

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Kidney	Renal Tubule	Dilatation	Mild
Liver		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
		Inflammation	Suppurative, Minimal
Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1194

TRT#: 5

SEX: Male

DAY ON TEST: 162

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Rete Testes	Seminal Vesicle	Skin	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Minimal
Prostate, Dorsal Lobe	Inflammation	Chronic, Minimal
Prostate, Ventral Lobe	Inflammation	Chronic, Mild
Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1195

TRT#: 6

SEX: Male

DAY ON TEST: 164

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Testes

Epididymis

Rete Testes

Seminal Vesicle

OBSERVATIONS

Mammary Gland
Prostate, Dorsal Lobe
Prostate, Ventral Lobe

Alveolus

Hyperplasia
Inflammation
Inflammation

Minimal
Chronic, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1196

TRT#: 6

SEX: Male

DAY ON TEST: 164

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

Rete Testes

OBSERVATIONS

Epididymis
Prostate, Ventral Lobe

Infiltration Cellular
Inflammation

Lymphocyte, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1197

TRT#: 6

SEX: Male

DAY ON TEST: 164

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Epididymis
Testes

Mammary Gland

Prostate, Dorsal Lobe

MISSING

Rete Testes

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1198

TRT#: 7

SEX: Male

DAY ON TEST: 165

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1199

TRT#: 7

SEX: Male

DAY ON TEST: 165

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Seminal Vesicle

Epididymis
Testes

Prostate, Dorsal Lobe

Rete Testes

OBSERVATIONS

Mammary Gland
Prostate, Ventral Lobe

Alveolus

Hyperplasia
Inflammation

Moderate
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1200

TRT#: 7

SEX: Male

DAY ON TEST: 165

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1201

TRT#: 7

SEX: Male

DAY ON TEST: 165

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1202

TRT#: 7

SEX: Male

DAY ON TEST: 164

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Rete Testes

Epididymis
Seminal Vesicle

Mammary Gland
Testes

Prostate, Dorsal Lobe

OBSERVATIONS

Prostate, Ventral Lobe

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1203

TRT#: 8

SEX: Male

DAY ON TEST: 165

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone Marrow	Bone, Femur	Coagulating Gland
Epididymis	Kidney	Pituitary Gland	Prostate, Dorsal Lobe
Rete Testes	Skin	Spleen	Testes
Thymus	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Liver		Inflammation	Chronic, Minimal
		Necrosis	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Seminal Vesicle		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1204

TRT#: 8

SEX: Male

DAY ON TEST: 165

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Coagulating Gland
Prostate
Seminal Vesicle
Thymus

Adrenal Medulla
Epididymis
Prostate, Dorsal Lobe
Skin
Thyroid Gland

Bone Marrow
Mammary Gland
Prostate, Ventral Lobe
Spleen

Bone, Femur
Pituitary Gland
Rete Testes
Testes

OBSERVATIONS

Kidney
Liver

Inflammation
Malformation

Chronic, Minimal

[Malformation TGLS = 1-5]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1205	TRT#: 8	SEX: Male	DAY ON TEST: 164
	DOSE: F4/500PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Rete Testes
Seminal Vesicle	Skin	Testes	Thymus
Thyroid Gland			

OBSERVATIONS

Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1210

TRT#: 6

SEX: Male

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Prostate, Dorsal Lobe

Epididymis
Prostate, Ventral Lobe

Mammary Gland
Seminal Vesicle

Prostate
Testes

MISSING

Rete Testes

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1211

TRT#: 8

SEX: Male

DAY ON TEST: 162

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Coagulating Gland
Mammary Gland
Seminal Vesicle
Thyroid Gland

Adrenal Medulla
Epididymis
Pituitary Gland
Skin

Bone Marrow
Kidney
Prostate, Dorsal Lobe
Testes

Bone, Femur
Liver
Rete Testes
Thymus

OBSERVATIONS

Prostate, Ventral Lobe
Spleen

Inflammation
Pigmentation

Chronic, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1212	TRT#: 8	SEX: Male	DAY ON TEST: 161
	DOSE: F4/500PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone Marrow	Bone, Femur	Coagulating Gland
Epididymis	Liver	Mammary Gland	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Seminal Vesicle	Skin
Thymus	Thyroid Gland		

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Kidney	Renal Tubule	Dilatation	Minimal
		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Prostate, Ventral Lobe		Inflammation	Chronic, Minimal
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1213

TRT#: 8

SEX: Male

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Kidney	Liver
Nose	Pituitary Gland	Prostate, Dorsal Lobe	Rete Testes
Seminal Vesicle	Testes	Thymus	Thyroid Gland

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Prostate, Ventral Lobe	Inflammation	Chronic, Minimal
Spleen	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1214

TRT#: 8

SEX: Male

DAY ON TEST: 159

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Mammary Gland	Pituitary Gland
Prostate, Dorsal Lobe	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	

MISSING

Rete Testes

OBSERVATIONS

Kidney	Inflammation	Chronic, Minimal
Liver	Inflammation	Chronic, Mild
	Necrosis	Mild
Prostate, Ventral Lobe	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1215

TRT#: 6

SEX: Male

DAY ON TEST: 162

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Coagulating Gland
Prostate, Dorsal Lobe
Testes

Epididymis
Prostate, Ventral Lobe

Mammary Gland
Rete Testes

Prostate
Seminal Vesicle

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1014

TRT#: 1

SEX: Female

DAY ON TEST: 147

DOSE: F4 0 PPM

DISP: Natural Death

HISTO: 21320101014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain	Heart	Intestine Large, Colon	Liver
Oviduct	Pituitary Gland	Skin	Spleen
Thymus	Thyroid Gland	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Autolysis	Mild
Intestine Large, Cecum	Epithelium	Autolysis	Mild
Intestine Small, Duodenum	Epithelium	Autolysis	Moderate
		Hyperplasia	Mild
Note: PATHOLOGIST NOTED: HYPERPLASIA MILD WAS LOCATED IN THE PEYER'S PATCH			
Intestine Small, Ileum	Epithelium	Autolysis	Moderate
Intestine Small, Jejunum	Epithelium	Autolysis	Moderate
Kidney		Mineralization	Minimal
Lung		Autolysis	Mild
		Congestion	Marked
		Infiltration Cellular	Macrophage, Moderate
Lymph Node, Mandibular		Autolysis	Mild
Lymph Node, Mesenteric		Hyperplasia	Reticulum Cell, Mild
Mammary Gland	Alveolus	Hyperplasia	Moderate
	Lobules	Hyperplasia	Mild
Nose		Autolysis	Mild
Ovary		Proestrus	
Pancreas		Autolysis	Moderate
Salivary Glands		Autolysis	Mild
Uterus		Autolysis	Mild
		Decidual Reaction	
		Proestrus	
Vagina		Autolysis	Mild
		Proestrus	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1014

TRT#: 1

SEX: Female

DAY ON TEST: 147

DOSE: F4 0 PPM

DISP: Natural Death

HISTO: 21320101014

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: PRIMARY COD...UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1015

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Uterus

Vagina

Lobules

Mineralization
Hyperplasia
Diestrus
Decidual Reaction
Diestrus
Diestrus

Minimal
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1016

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Mineralization
Hyperplasia
Proestrus
Decidual Reaction
Proestrus
Proestrus

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1017

TRT#: 1
DOSE: F4 0 PPM

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 161
HISTO: 21320101017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Mammary Gland	Oviduct	Pituitary Gland
Skin	Spleen	Thymus	Thyroid Gland

OBSERVATIONS

Kidney	Mineralization	Minimal
Ovary	Proestrus	
Uterus	Decidual Reaction	
	Proestrus	
Vagina	Estrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1018

TRT#: 1

SEX: Female

DAY ON TEST: 160

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Mineralization
Hyperplasia
Metestrus
Decidual Reaction
Metestrus
Metestrus

Moderate
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1019

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Marked
	Lobules	Hyperplasia	Moderate
Ovary		Metestrus	
Uterus		Decidual Reaction	
		Metestrus	
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1021

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Minimal
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1022

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:06
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1023

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Moderate
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1024	TRT#: 3	SEX: Female	DAY ON TEST: 161
	DOSE: F4/100PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Oviduct
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OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Diestrus	
Note: PATHOLOGIST NOTED: POLYOVULAR FOLLICLE			
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1025

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Proestrus

Uterus

Decidual Reaction

Proestrus

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1026

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney

Cyst

Mineralization

Minimal

Note: PATHOLOGIST NOTED: CYST ON LEFT KIDNEY

Mammary Gland

Alveolus

Hyperplasia

Moderate

Lobules

Hyperplasia

Minimal

Ovary

Diestrus

Uterus

Decidual Reaction

Diestrus

Vagina

Diestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1027

TRT#: 3

SEX: Female

DAY ON TEST: 160

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1028	TRT#: 3	SEX: Female	DAY ON TEST: 160
	DOSE: F4/100PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney	Oviduct
--------	---------

OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Marked
	Lobules	Hyperplasia	Moderate
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1029

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Vagina

Mineralization
Proestrus
Decidual Reaction
Proestrus
Proestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1030

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland

Ovary
Uterus

Vagina

Alveolus
Lobules

Mineralization
Hyperplasia
Hyperplasia
Diestrus
Decidual Reaction
Diestrus
Diestrus

Minimal
Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1031	TRT#: 4	SEX: Female	DAY ON TEST: 161
	DOSE: F4/500PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Moderate
	Lobules	Hyperplasia	Minimal
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1032

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Mammary Gland
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Ovary
Oviduct
Uterus

Mineralization
Proestrus
Estrus
Decidual Reaction
Proestrus

Minimal

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1033

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Skin

Adrenal Medulla
Liver
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Hyperplasia
Proestrus
Decidual Reaction
Diestrus
Diestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1055

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland

Ovary
Uterus

Vagina

Alveolus
Lobules

Mineralization
Hyperplasia
Hyperplasia
Proestrus
Decidual Reaction
Proestrus
Proestrus

Minimal
Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1056

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Mineralization
Proestrus
Proestrus

Minimal

Note: PATHOLOGIST NOTED: IMPLANTATION SITES NOT ON SLIDE

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1057

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Mineralization
Hyperplasia
Diestrus
Decidual Reaction
Diestrus
Diestrus

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1058

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Mammary Gland
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Ovary
Oviduct
Uterus

Mineralization
Proestrus
Estrus
Decidual Reaction
Proestrus

Minimal

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1059	TRT#: 1	SEX: Female	DAY ON TEST: 160
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Kidney	Liver	Oviduct	Pituitary Gland
Skin	Spleen	Thymus	Thyroid Gland

OBSERVATIONS

Brain [Hydrocephalus TGLS = 1-8]	Cerebrum, Unilateral	Hydrocephalus	Moderate
Mammary Gland	Alveolus Lobules	Hyperplasia Hyperplasia	Moderate Mild
Ovary		Proestrus	
Uterus		Decidual Reaction	
Vagina		Proestrus Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1060

TRT#: 1

SEX: Female

DAY ON TEST: 160

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Vagina

Mineralization
Estrus
Decidual Reaction
Estrus
Estrus

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1061	TRT#: 1	SEX: Female	DAY ON TEST: 160
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Moderate
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1062

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Moderate
	Lobules	Hyperplasia	Mild
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1063

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1064

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney

Cyst

Note: PATHOLOGIST NOTED: CYST ON LEFT KIDNEY

Mammary Gland

Alveolus

Hyperplasia

Moderate

Lobules

Hyperplasia

Moderate

Ovary

Proestrus

Uterus

Decidual Reaction

Proestrus

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1065

TRT#: 2

SEX: Female

DAY ON TEST: 159

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1066

TRT#: 3

SEX: Female

DAY ON TEST: 162

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Moderate

Ovary

Proestrus

Uterus

Decidual Reaction

Proestrus

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1067

TRT#: 3

SEX: Female

DAY ON TEST: 162

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1068

TRT#: 3

SEX: Female

DAY ON TEST: 160

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Moderate
Mammary Gland	Alveolus	Hyperplasia	Moderate
	Lobules	Hyperplasia	Mild
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1069

TRT#: 3

SEX: Female

DAY ON TEST: 160

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Moderate
Mammary Gland	Alveolus	Hyperplasia	Marked
	Lobules	Hyperplasia	Marked
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1070

TRT#: 3

SEX: Female

DAY ON TEST: 160

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1071

TRT#: 4

SEX: Female

DAY ON TEST: 162

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Thymus

Adrenal Medulla
Pituitary Gland
Thyroid Gland

Bone Marrow
Skin

Bone, Femur
Spleen

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Oviduct
Uterus

Alveolus

Mineralization
Hyperplasia
Proestrus
Estrus
Decidual Reaction
Proestrus

Minimal
Mild

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1072

TRT#: 4

SEX: Female

DAY ON TEST: 162

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Pituitary Gland
Thyroid Gland

Adrenal Medulla
Liver
Skin

Bone Marrow
Mammary Gland
Spleen

Bone, Femur
Oviduct
Thymus

OBSERVATIONS

Liver

Note: PATHOLOGIST NOTED: STAIN ARTEFACT SIMULATES CELL ALTERATION/ADENOMA

Ovary

Estrus

Uterus

Decidual Reaction

Vagina

Estrus

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1073

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Skin

Adrenal Medulla
Liver
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Hyperplasia
Diestrus
Decidual Reaction
Diestrus
Diestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1094

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland

Ovary
Uterus

Vagina

Alveolus
Lobules

Mineralization
Hyperplasia
Hyperplasia
Estrus
Decidual Reaction
Estrus
Estrus

Moderate
Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1095

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Mineralization
Hyperplasia
Diestrus
Decidual Reaction
Diestrus
Diestrus

Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1096

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Vagina

Mineralization
Diestrus
Decidual Reaction
Diestrus
Diestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1097

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Mammary Gland
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Ovary
Oviduct
Uterus

Mineralization
Proestrus
Estrus
Decidual Reaction
Proestrus

Minimal

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1098

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Mineralization
Hyperplasia
Proestrus
Decidual Reaction
Proestrus
Proestrus

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1099

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney

Cyst

Mineralization

Mild

Note: PATHOLOGIST NOTED: CYST ON LEFT KIDNEY

Mammary Gland

Alveolus

Hyperplasia

Minimal

Ovary

Diestrus

Uterus

Decidual Reaction

Diestrus

Vagina

Diestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1100

TRT#: 2

SEX: Female

DAY ON TEST: 160

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Proestrus

Uterus

Decidual Reaction

Proestrus

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1101

TRT#: 2

SEX: Female

DAY ON TEST: 160

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Mild
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1102

TRT#: 2

SEX: Female

DAY ON TEST: 160

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1104

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Liver

Congestion

Moderate

Developmental Malformation

[Developmental Malformation TGLS = 1-5]

Ovary

Estrus

Uterus

Decidual Reaction

Estrus

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1105

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Estrus

Uterus

Decidual Reaction

Estrus

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1106

TRT#: 3

SEX: Female

DAY ON TEST: 160

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Moderate
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1107

TRT#: 3

SEX: Female

DAY ON TEST: 160

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Moderate

Ovary

Estrus

Uterus

Decidual Reaction

Estrus

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1108

TRT#: 4

SEX: Female

DAY ON TEST: 162

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Vagina

Mineralization
Diestrus
Decidual Reaction
Diestrus
Diestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1109

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland

Ovary
Uterus

Vagina

Alveolus
Lobules

Mineralization
Hyperplasia
Hyperplasia
Diestrus
Decidual Reaction
Diestrus
Diestrus

Minimal
Marked
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1110

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
 Note: TGL # 01 - NO MICROSCOPIC CORRELATE
Uterus

 Note: TGL # 02 - NO MICROSCOPIC CORRELATE
Vagina

Mineralization
Proestrus

Decidual Reaction
Proestrus

Proestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1111

TRT#: 4

SEX: Female

DAY ON TEST: 160

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Pituitary Gland
Thyroid Gland

Adrenal Medulla
Liver
Skin

Bone Marrow
Mammary Gland
Spleen

Bone, Femur
Oviduct
Thymus

OBSERVATIONS

Ovary
Uterus

Proestrus
Decidual Reaction
Proestrus

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1112

TRT#: 4

SEX: Female

DAY ON TEST: 160

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Kidney	Liver	Oviduct	Pituitary Gland
Skin	Spleen	Thymus	Thyroid Gland

OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Moderate
	Lobules	Hyperplasia	Marked
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1113

TRT#: 4

SEX: Female

DAY ON TEST: 160

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Pituitary Gland
Thyroid Gland

Adrenal Medulla
Liver
Skin

Bone Marrow
Mammary Gland
Spleen

Bone, Femur
Oviduct
Thymus

OBSERVATIONS

Ovary
Uterus

Proestrus
Proestrus

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Note: PATHOLOGIST NOTED: DECIDUAL REACTION NOT IN SECTION

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1114	TRT#: 4	SEX: Female	DAY ON TEST: 160
	DOSE: F4/500PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Moderate
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1134	TRT#: 1	SEX: Female	DAY ON TEST: 161
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Moderate
	Lobules	Hyperplasia	Minimal
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1135

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Vagina

Mineralization
Diestrus
Decidual Reaction
Diestrus
Diestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1136

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Mineralization
Proestrus
Decidual Reaction
Proestrus

Moderate

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1137

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Mineralization
Proestrus
Decidual Reaction
Proestrus

Minimal

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1138	TRT#: 1	SEX: Female	DAY ON TEST: 161
	DOSE: F4 0 PPM	DISP: Terminal Sacrifice	HISTO: 21320101138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Kidney	Liver	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

MISSING

Ovary	Oviduct
-------	---------

OBSERVATIONS

Mammary Gland	Alveolus	Hyperplasia	Minimal
Uterus		Decidual Reaction	
		Metestrus	
Vagina		Metestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1139

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1140

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1141

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Moderate
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1142

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Moderate
	Lobules	Hyperplasia	Minimal
Ovary		Estrus	
Note: PATHOLOGIST NOTED: POLYOVULAR FOLLICLE			
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1143

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Estrus

Note: PATHOLOGIST NOTED: POLYOVULAR FOLLICLE

Uterus

Decidual Reaction

Estrus

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1144

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Mild

Ovary

Proestrus

Uterus

Decidual Reaction

Proestrus

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1145

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Minimal
Ovary		Proestrus	
Uterus		Decidual Reaction	
		Proestrus	
Vagina		Proestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1146

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Moderate

Ovary

Diestrus

Note: PATHOLOGIST NOTED: POLYOVULAR FOLLICLE

Uterus

Diestrus

Note: PATHOLOGIST NOTED: DECIDUAL REACTION NOT IN SECTION

Vagina

Diestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1147

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Mild

Ovary

Diestrus

Uterus

Decidual Reaction

Diestrus

Vagina

Diestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1148

TRT#: 3

SEX: Female

DAY ON TEST: 161

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

MISSING

Ovary

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Uterus

Decidual Reaction

Diestrus

Vagina

Diestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1149

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Spleen

Adrenal Medulla
Liver
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Mammary Gland
Ovary
Oviduct
Uterus

Vagina

Alveolus

Hyperplasia
Metestrus
Estrus
Decidual Reaction
Metestrus
Metestrus

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1150

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Vagina

Mineralization
Metestrus
Decidual Reaction
Metestrus
Metestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1151

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Pituitary Gland
Thyroid Gland

Adrenal Medulla
Liver
Skin

Bone Marrow
Mammary Gland
Spleen

Bone, Femur
Oviduct
Thymus

OBSERVATIONS

Ovary
Uterus

Proestrus
Decidual Reaction
Proestrus

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1174

TRT#: 2

SEX: Female

DAY ON TEST: 160

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Marked

Ovary

Diestrus

Uterus

Decidual Reaction

Diestrus

Vagina

Diestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1175

TRT#: 1

SEX: Female

DAY ON TEST: 161

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland

Ovary
Uterus

Vagina

Alveolus
Lobules

Mineralization
Hyperplasia
Hyperplasia
Metestrus
Decidual Reaction
Metestrus
Metestrus

Minimal
Moderate
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1176

TRT#: 1

SEX: Female

DAY ON TEST: 164

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Mineralization
Hyperplasia
Diestrus
Decidual Reaction
Diestrus
Diestrus

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1177

TRT#: 1

SEX: Female

DAY ON TEST: 164

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Mineralization
Proestrus
Decidual Reaction
Proestrus

Minimal

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1178

TRT#: 1

SEX: Female

DAY ON TEST: 163

DOSE: F4 0 PPM

DISP: Terminal Sacrifice

HISTO: 21320101178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla
Liver
Skin

Bone Marrow
Mammary Gland
Spleen

Bone, Femur
Oviduct
Thymus

Kidney
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Adrenal Cortex
Ovary
Uterus

Hyperplasia
Proestrus
Decidual Reaction
Proestrus

Multifocal, Focal, Mild

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1179

TRT#: 2

SEX: Female

DAY ON TEST: 164

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Proestrus

Uterus

Decidual Reaction

Proestrus

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1180

TRT#: 2

SEX: Female

DAY ON TEST: 164

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Proestrus

Uterus

Decidual Reaction

Proestrus

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1181

TRT#: 2

SEX: Female

DAY ON TEST: 164

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Mammary Gland

Oviduct

OBSERVATIONS

Ovary

Metestrus

Uterus

Decidual Reaction

Vagina

Metestrus

Metestrus

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1182

TRT#: 2

SEX: Female

DAY ON TEST: 164

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Diestrus

Uterus

Decidual Reaction

Diestrus

Vagina

Diestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1183

TRT#: 2

SEX: Female

DAY ON TEST: 163

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Estrus

Uterus

Decidual Reaction

Estrus

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1184

TRT#: 3

SEX: Female

DAY ON TEST: 165

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Mammary Gland

Oviduct

OBSERVATIONS

Ovary

Estrus

Uterus

Estrus

Note: PATHOLOGIST NOTED: DECIDUAL REACTION NOT IN SECTION

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1185

TRT#: 3

SEX: Female

DAY ON TEST: 165

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Minimal

Ovary

Estrus

Uterus

Decidual Reaction

Estrus

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1186

TRT#: 3

SEX: Female

DAY ON TEST: 165

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Moderate

Ovary

Diestrus

Uterus

Decidual Reaction

Diestrus

Vagina

Diestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1187

TRT#: 3

SEX: Female

DAY ON TEST: 164

DOSE: F4/100PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Oviduct

OBSERVATIONS

Kidney

Mineralization

Mild

Ovary

Estrus

Uterus

Decidual Reaction

Estrus

Vagina

Estrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1188

TRT#: 4

SEX: Female

DAY ON TEST: 165

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Kidney
Pituitary Gland
Thyroid Gland

Adrenal Medulla
Liver
Skin

Bone Marrow
Mammary Gland
Spleen

Bone, Femur
Oviduct
Thymus

OBSERVATIONS

Ovary
Uterus

Metestrus
Decidual Reaction
Metestrus
Metestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1189

TRT#: 4

SEX: Female

DAY ON TEST: 165

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Spleen

Adrenal Medulla
Oviduct
Thymus

Bone Marrow
Pituitary Gland
Thyroid Gland

Bone, Femur
Skin

OBSERVATIONS

Kidney
Mammary Gland
Ovary
Uterus

Vagina

Alveolus

Mineralization
Hyperplasia
Estrus
Decidual Reaction
Estrus
Estrus

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1190	TRT#: 4	SEX: Female	DAY ON TEST: 164
	DOSE: F4/500PPM TO CTL	DISP: Terminal Sacrifice	HISTO: 21320101190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Liver	Oviduct	Pituitary Gland	Skin
Spleen	Thymus	Thyroid Gland	

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Diestrus	
Uterus		Decidual Reaction	
		Diestrus	
Vagina		Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1191

TRT#: 4

SEX: Female

DAY ON TEST: 164

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Bone Marrow

Bone, Femur

Liver

Mammary Gland

Oviduct

Pituitary Gland

Skin

Spleen

Thymus

Thyroid Gland

OBSERVATIONS

Kidney

Mineralization

Mild

Ovary

Proestrus

Uterus

Proestrus

Note: PATHOLOGIST NOTED: DECIDUAL REACTION NOT IN SECTION

Vagina

Proestrus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1192

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney

[Dilatation TGLS = 1-2]
Ovary
Uterus

Vagina

Pelvis, Unilateral

Dilatation
Mineralization

Metestrus
Decidual Reaction
Metestrus
Metestrus

Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1206

TRT#: 2
DOSE: F4/5PPM TO CTL

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 161
HISTO: 21320101206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

MISSING

Ovary Oviduct

OBSERVATIONS

Kidney	Mineralization	Mild
Uterus	Decidual Reaction	
	Diestrus	
Vagina	Diestrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1207

TRT#: 2

SEX: Female

DAY ON TEST: 161

DOSE: F4/5PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Oviduct

OBSERVATIONS

Kidney		Mineralization	Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
	Lobules	Hyperplasia	Minimal
Ovary		Estrus	
Uterus		Decidual Reaction	
		Estrus	
Vagina		Estrus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1208

TRT#: 4

SEX: Female

DAY ON TEST: 162

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Vagina

Mineralization
Proestrus
Decidual Reaction
Proestrus
Proestrus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 99930-95
Test Type: SPECIAL STUDY
Route: DOSED FEED
Species/Strain: Rat/CD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Endocrine disruptor (Genistein)
CAS Number: 446-72-0

Date Report Requested: 10/18/2014
Time Report Requested: 15:40:07
First Dose M/F: NA / NA
Lab: NCTR

ANIMAL ID: 1209

TRT#: 4

SEX: Female

DAY ON TEST: 161

DOSE: F4/500PPM TO CTL

DISP: Terminal Sacrifice

HISTO: 21320101209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex
Liver
Skin

Adrenal Medulla
Mammary Gland
Spleen

Bone Marrow
Oviduct
Thymus

Bone, Femur
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Kidney
Ovary
Uterus

Vagina

Mineralization
Diestrus
Decidual Reaction
Metestrus
Metestrus

Minimal

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****