

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

C Number:	C62340C
Lock Date:	02/17/1993
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male
PWG Approval Date	NONE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1	TRT#: 1	SEX: Male	DAY ON TEST: 95
	DOSE: CONT-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Spleen	* Testes	* Urinary Bladder

OBSERVATIONS			
* Kidney		Regeneration	Minimal
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONT-NOR ISAC

DISP: Scheduled Sacrifice

HISTO: 9205082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Liver

* Spleen

* Testes

* Urinary Bladder

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 95
	DOSE: CONT-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
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OBSERVATIONS

* Kidney		Regeneration	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 1-3]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 95
	DOSE: CONT-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Kidney	* Spleen	* Testes
* Urinary Bladder			

OBSERVATIONS			
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 95
	DOSE: CONT-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Kidney	* Spleen	* Testes	* Urinary Bladder

OBSERVATIONS			
* Epididymis		Inflammation	Minimal
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 95
	DOSE: CONT-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Kidney	* Spleen	* Testes
* Urinary Bladder			

OBSERVATIONS			
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 7	TRT#: 1	SEX: Male	DAY ON TEST: 95
	DOSE: CONT-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Kidney	* Spleen	* Testes
* Urinary Bladder			

OBSERVATIONS			
* Liver	Bile Duct	Hyperplasia Inflammation	Minimal Minimal

PRIMARY CAUSE OF DEATH	-
-------------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 95
	DOSE: CONT-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Kidney	* Spleen	* Testes
* Urinary Bladder			

OBSERVATIONS

* Liver	Hepatodiaphragmatic Nodule Inflammation	Minimal
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[Hepatodiaphragmatic Nodule TGLS = 1-1]

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 95
	DOSE: CONT-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Spleen	* Testes	* Urinary Bladder

OBSERVATIONS			
* Kidney		Regeneration	Minimal
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH	-
-------------------------------	---

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONT-NOR ISAC

DISP: Scheduled Sacrifice

HISTO: 9205090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 11

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: CONT-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: CONT-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 13

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: CONT-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Regeneration

Minimal

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 14

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: CONT-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Regeneration

Minimal

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: CONT-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 16

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: CONT-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 17

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: CONT-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 18

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: CONT-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 19

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: CONT-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Regeneration

Minimal

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 20

TRT#: 2

SEX: Male

DAY ON TEST: 95

DOSE: CONT-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 25

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: NTOL-NOR ISAC

DISP: Scheduled Sacrifice

HISTO: 9205105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Accumulation, Hyaline Droplet

Mild

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Mild

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

* Testes

Degeneration

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 33	TRT#: 3	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Urinary Bladder		
OBSERVATIONS			
* Kidney		Accumulation, Hyaline Droplet Regeneration	Mild Minimal
* Liver	Oval Cell	Hyperplasia Inflammation Vacuolization Cytoplasmic	Minimal Minimal Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes		Pigmentation Degeneration	Hemosiderin, Mild Mild
<hr/>			
PRIMARY CAUSE OF DEATH	-		
<hr/>			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 36

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: NTOL-NOR ISAC

DISP: Scheduled Sacrifice

HISTO: 9205116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Accumulation, Hyaline Droplet

Mild

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Mild

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

* Testes

Degeneration

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 3	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Urinary Bladder
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OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Mild
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38	TRT#: 3	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Urinary Bladder
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OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 39	TRT#: 3	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Urinary Bladder		
OBSERVATIONS			
* Kidney		Accumulation, Hyaline Droplet	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Moderate
<hr/>			
PRIMARY CAUSE OF DEATH	-		
<hr/>			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 3	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Mild
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 41

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: NTOL-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Accumulation, Hyaline Droplet

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Mild

* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

* Testes

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 42

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: NTOL-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Accumulation, Hyaline Droplet

Mild

Regeneration

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

* Testes

Degeneration

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 4	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-ALT ISAC	DISP: Scheduled Sacrifice	HISTO: 9205123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Inflammation	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44	TRT#: 4	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-ALT ISAC	DISP: Scheduled Sacrifice	HISTO: 9205124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Kidney		Accumulation, Hyaline Droplet	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 4	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-ALT ISAC	DISP: Scheduled Sacrifice	HISTO: 9205125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Urinary Bladder
--------------	-------------------

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 4	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-ALT ISAC	DISP: Scheduled Sacrifice	HISTO: 9205127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Urinary Bladder
--------------	-------------------

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Spleen	Capsule	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 48

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: NTOL-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Accumulation, Hyaline Droplet

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Minimal

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

* Testes

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49	TRT#: 4	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-ALT ISAC	DISP: Scheduled Sacrifice	HISTO: 9205129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Kidney		Accumulation, Hyaline Droplet	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 4	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-ALT ISAC	DISP: Scheduled Sacrifice	HISTO: 9205130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Hyperplasia	Minimal
Note: mesothelial			
* Kidney		Accumulation, Hyaline Droplet	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Moderate

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 51	TRT#: 4	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-ALT ISAC	DISP: Scheduled Sacrifice	HISTO: 9205131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Urinary Bladder
--------------	-------------------

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 4	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-ALT ISAC	DISP: Scheduled Sacrifice	HISTO: 9205132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Hyperplasia	Minimal
Note: mesothelial			
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 53

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: NTOL-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Accumulation, Hyaline Droplet

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Minimal

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

* Testes

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 54	TRT#: 4	SEX: Male	DAY ON TEST: 95
	DOSE: NTOL-ALT ISAC	DISP: Scheduled Sacrifice	HISTO: 9205134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Urinary Bladder		
OBSERVATIONS			
* Kidney		Accumulation, Hyaline Droplet	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Mild
<hr/>			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 55

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: NTOL-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 56

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: NTOL-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Accumulation, Hyaline Droplet

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Mild

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

* Testes

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 57

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: NTOL-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Accumulation, Hyaline Droplet

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Minimal

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

* Testes

Degeneration

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 58

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: NTOL-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Accumulation, Hyaline Droplet

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Mild

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

* Testes

Degeneration

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 59

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: NTOL-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Accumulation, Hyaline Droplet

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Minimal

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

* Testes

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 60

TRT#: 4

SEX: Male

DAY ON TEST: 95

DOSE: NTOL-ALT ISAC

DISP: Scheduled Sacrifice

HISTO: 9205140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Accumulation, Hyaline Droplet

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Minimal

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

* Testes

Degeneration

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: TOLU-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
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OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

[Congestion TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: TOLU-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
--------------	----------	-------------------

OBSERVATIONS

* Kidney		Pigmentation	Mild
		Regeneration	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

[Congestion TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 63

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: TOLU-NOR ISAC

DISP: Scheduled Sacrifice

HISTO: 9205143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

OBSERVATIONS

* Kidney

Pigmentation

Mild

Regeneration

Minimal

* Liver

Inflammation

Minimal

* Spleen

Pigmentation

Hemosiderin, Minimal

Congestion

Mild

Capsule

Fibrosis

Mild

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

[Congestion TGLS = 1-1]

* Urinary Bladder

Transit Epithe

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 64

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: TOLU-NOR ISAC

DISP: Scheduled Sacrifice

HISTO: 9205144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
		Thrombosis	Minimal
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: TOLU-NOR ISAC

DISP: Scheduled Sacrifice

HISTO: 9205145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Mild

* Liver

Inflammation

Minimal

* Spleen

Pigmentation

Hemosiderin, Minimal

Congestion

Mild

Capsule

Fibrosis

Mild

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

Thrombosis

Minimal

[Congestion TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: TOLU-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 67	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: TOLU-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
	[Congestion TGLS = 1-1]		
* Testes		Degeneration	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: TOLU-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 69	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: TOLU-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Testes		
OBSERVATIONS			
* Kidney		Pigmentation	Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
	[Hepatodiaphragmatic Nodule TGLS = 2-1]		
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
	[Congestion TGLS = 1-1]		
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: TOLU-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
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OBSERVATIONS

* Kidney		Pigmentation	Mild
		Regeneration	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild

[Congestion TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 71

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: TOLU-NOR ISAC

DISP: Scheduled Sacrifice

HISTO: 9205151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Mild

* Liver

Inflammation

Minimal

Pigmentation

Hemosiderin, Minimal

Vacuolization Cytoplasmic

Minimal

* Spleen

Congestion

Mild

Capsule

Fibrosis

Mild

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

[Congestion TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: TOLU-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 73

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: TOLU-NOR ISAC

DISP: Scheduled Sacrifice

HISTO: 9205153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Mild
		Regeneration	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: TOLU-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
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OBSERVATIONS

* Kidney		Pigmentation	Mild
		Regeneration	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal

[Congestion TGSL = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 75

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: TOLU-NOR ISAC

DISP: Scheduled Sacrifice

HISTO: 9205155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 76

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: TOLU-NOR ISAC

DISP: Scheduled Sacrifice

HISTO: 9205156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Mild

* Liver

Inflammation

Minimal

* Spleen

Pigmentation

Hemosiderin, Minimal

Congestion

Mild

Capsule

Fibrosis

Mild

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

[Congestion TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: TOLU-NOR ISAC

DISP: Scheduled Sacrifice

HISTO: 9205157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Testes * Urinary Bladder

OBSERVATIONS

* Epididymis		Inflammation	Minimal
* Kidney		Pigmentation	Mild
		Regeneration	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal

[Congestion TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: TOLU-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Inflammation	Minimal
		Pigmentation	Mild
		Regeneration	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: TOLU-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80	TRT#: 5	SEX: Male	DAY ON TEST: 95
	DOSE: TOLU-NOR ISAC	DISP: Scheduled Sacrifice	HISTO: 9205160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
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OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
		Thrombosis	Minimal

[Congestion TGLS = 1-1]

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 81

TRT#: 6

SEX: Male

DAY ON TEST: 187

DOSE: CONT-ALTTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Epididymis

Inflammation

Minimal

* Kidney

Regeneration

Minimal

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 82

TRT#: 6

SEX: Male

DAY ON TEST: 187

DOSE: CONT-ALTTerm-REV

DISP: Terminal Sacrifice

HISTO: 9205162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83	TRT#: 6	SEX: Male	DAY ON TEST: 187
	DOSE: CONT-ALTTerm-REV	DISP: Terminal Sacrifice	HISTO: 9205163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
--------------	----------	-------------------

OBSERVATIONS

* Kidney		Inflammation	Minimal
		Regeneration	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 84

TRT#: 6

SEX: Male

DAY ON TEST: 187

DOSE: CONT-ALTTerm-REV

DISP: Terminal Sacrifice

HISTO: 9205164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 85

TRT#: 6

SEX: Male

DAY ON TEST: 187

DOSE: CONT-ALTTerm-REV

DISP: Terminal Sacrifice

HISTO: 9205165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Bile Duct

Hyperplasia

Minimal

Inflammation

Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 6	SEX: Male	DAY ON TEST: 187
	DOSE: CONT-ALTTerm-REV	DISP: Terminal Sacrifice	HISTO: 9205166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
--------------	----------	-------------------

OBSERVATIONS

* Kidney		Regeneration	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 87

TRT#: 6

SEX: Male

DAY ON TEST: 187

DOSE: CONT-ALTTerm-REV

DISP: Terminal Sacrifice

HISTO: 9205167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Mineralization

Minimal

Regeneration

Minimal

* Liver

Bile Duct

Hyperplasia

Minimal

Inflammation

Minimal

* Spleen

Pigmentation

Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 88

TRT#: 6

SEX: Male

DAY ON TEST: 187

DOSE: CONT-ALTTerm-REV

DISP: Terminal Sacrifice

HISTO: 9205168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Regeneration

Minimal

* Liver

Inflammation

Minimal

* Spleen

Pigmentation

Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 89	TRT#: 6	SEX: Male	DAY ON TEST: 187
	DOSE: CONT-ALTTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Testes	* Urinary Bladder	

OBSERVATIONS			
* Kidney		Regeneration	Minimal
* Liver		Inflammation	Minimal
* Spleen		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 90

TRT#: 6

SEX: Male

DAY ON TEST: 187

DOSE: CONT-ALTTerm-REV

DISP: Terminal Sacrifice

HISTO: 9205170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:08
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91	TRT#: 7	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-NORTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205171

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

* Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
Note: unilateral mesothelial hyperplasia, contralateral mesothelioma			
* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 2-1]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Moderate
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 93

TRT#: 7

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis

Hyperplasia

Minimal

Note: mesothelial

* Kidney

Casts Protein

Mild

Regeneration

Mild

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Spleen

Capsule

Fibrosis

Minimal

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

* Testes

Degeneration

Moderate

Tunic

Mesothelioma Malignant

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 94

TRT#: 7

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 3-1]		
* Spleen	Capsule	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Minimal
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 95

TRT#: 7

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis

Mesothelioma Malignant

* Kidney

Casts Protein

Minimal

* Liver

Oval Cell

Regeneration

Minimal

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Spleen

Capsule

Fibrosis

Minimal

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

* Testes

Degeneration

Mild

Interstit Cell

Hyperplasia

Minimal

Tunic

Mesothelioma Malignant

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 97	TRT#: 7	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-NORTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 3-1]			
* Spleen	Capsule	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Minimal
[Degeneration TGLS = 1-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 98

TRT#: 7

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Spleen

* Urinary Bladder

OBSERVATIONS

* Kidney

Casts Protein

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Testes

Degeneration

Minimal

Interstitial Cell

Hyperplasia

Minimal

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:08

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 99

TRT#: 7

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
	[Vacuolization Cytoplasmic TGLS = 3-1]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Mild
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 100

TRT#: 7

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis

Hyperplasia

Minimal

* Kidney

Casts Protein

Minimal

Regeneration

Minimal

* Liver

Hepatodiaphragmatic Nodule

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Hepatodiaphragmatic Nodule TGLS = 1-1]

[Vacuolization Cytoplasmic TGLS = 4-1]

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

* Testes

Degeneration

Mild

Interstitial Cell

Hyperplasia

Minimal

[Degeneration TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 101

TRT#: 7

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 3-1]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Marked
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 103

TRT#: 7

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Mild
		Regeneration	Mild
* Liver		Cholangiocarcinoma	
	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Cholangiocarcinoma TGLS = 2-3]		
	[Vacuolization Cytoplasmic TGLS = 4-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Marked
	Interstitial Cell	Hyperplasia	Minimal
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 105

TRT#: 7

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis

Mesothelioma Malignant

* Kidney

Casts Protein

Mild

Regeneration

Mild

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Spleen

Hematopoietic Cell Proliferation

Minimal

* Testes

Degeneration

Mild

Interstit Cell

Hyperplasia

Minimal

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 106

TRT#: 7

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis

Mesothelioma Malignant

* Kidney

Casts Protein

Minimal

Regeneration

Mild

* Liver

Cholangiocarcinoma

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Cholangiocarcinoma TGLS = 1-3]

[Vacuolization Cytoplasmic TGLS = 2-1]

* Spleen

Capsule

Fibrosis

Minimal

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

Degeneration

Mild

* Testes

[Degeneration TGLS = 3-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107	TRT#: 7	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-NORTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Urinary Bladder		
OBSERVATIONS			
* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 3-1]			
* Spleen	Capsule	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Moderate
	Interstitial Cell	Hyperplasia	Minimal
[Degeneration TGLS = 1-2]			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110	TRT#: 7	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-NORTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Spleen	* Urinary Bladder
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OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 3-1]			
* Testes		Degeneration	Moderate
	Interstit Cell	Hyperplasia	Minimal
[Degeneration TGLS = 1-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 111

TRT#: 8

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-ALTTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Casts Protein

Minimal

Regeneration

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

* Testes

Degeneration

Mild

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112	TRT#: 8	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-ALTTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 3-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Mild
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113	TRT#: 8	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-ALTTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
	[Vacuolization Cytoplasmic TGLS = 3-1]	Vacuolization Cytoplasmic	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Minimal
	Interstit Cell	Hyperplasia	Minimal
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114	TRT#: 8	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-ALTTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
Note: Bilateral			
* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Mild
[Degeneration TGLS = 1-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 115

TRT#: 8

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-ALTTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 3-1]		
* Spleen	Capsule	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Moderate
	Interstitial Cell	Hyperplasia	Minimal
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 116

TRT#: 8

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-ALTTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis

Mesothelioma Malignant

Note: mesothelial hyperplasia, unilateral; mesothelioma, contralateral

* Kidney

Casts Protein

Minimal

Regeneration

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

* Testes

Degeneration

Marked

Interstitial Cell

Hyperplasia

Minimal

Tunic

Mesothelioma Malignant

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117	TRT#: 8	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-ALTTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 3-1]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Moderate
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118	TRT#: 8	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-ALTTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 2-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Marked
	Interstitial Cell	Hyperplasia	Minimal
	Tunic	Mesothelioma Malignant	
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 119	TRT#: 8	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-ALTTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Urinary Bladder		

OBSERVATIONS			
* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 3-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Minimal
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH	-		
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120

TRT#: 8

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-ALTTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis

Mesothelioma Malignant

* Kidney

Casts Protein

Minimal

Regeneration

Mild

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

* Testes

Degeneration

Marked

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121	TRT#: 8	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-ALTTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Inflammation	Minimal
* Kidney		Casts Protein	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 3-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Marked
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 122

TRT#: 8

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-ALTTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

MISSING

* Spleen

OBSERVATIONS

* Kidney

Casts Protein

Minimal

Inflammation

Minimal

Regeneration

Mild

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Testes

Degeneration

Marked

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 124

TRT#: 8

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-ALTTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis

Mesothelioma Malignant

Note: bilateral

* Kidney

Casts Protein

Minimal

Regeneration

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

* Testes

Degeneration

Mild

Interstit Cell

Hyperplasia

Minimal

Tunic

Mesothelioma Malignant

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 125

TRT#: 8

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-ALTTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Urinary Bladder

OBSERVATIONS

* Kidney

Casts Protein

Minimal

Regeneration

Mild

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

* Testes

Degeneration

Marked

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 126

TRT#: 8

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-ALTTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis

Hyperplasia

Mild

Note: mesothelial, bilateral

* Kidney

Casts Protein

Minimal

Regeneration

Mild

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

* Testes

Degeneration

Marked

Interstitial Cell

Hyperplasia

Minimal

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127	TRT#: 8	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-ALTTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 3-1]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Marked
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 128

TRT#: 8

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-ALTTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 3-1]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Moderate
	Interstit Cell	Hyperplasia	Minimal
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 129

TRT#: 8

SEX: Male

DAY ON TEST: 187

DOSE: NTOL-ALTTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Inflammation	Minimal
		Regeneration	Mild
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 3-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Marked
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130	TRT#: 8	SEX: Male	DAY ON TEST: 187
	DOSE: NTOL-ALTTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
Note: bilateral			
* Kidney		Casts Protein	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
* Testes		Degeneration	Marked
	Tunic	Mesothelioma Malignant	
[Degeneration TGLS = 1-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Mild

* Liver

Inflammation

Minimal

* Spleen

Capsule, Lymphatic

Angiectasis

Moderate

Congestion

Minimal

Capsule

Fibrosis

Mild

Hematopoietic Cell Proliferation

Minimal

[Angiectasis TGLS = 1-1]

[Fibrosis TGLS = 2-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132	TRT#: 9	SEX: Male	DAY ON TEST: 187
	DOSE: TOLU-NORTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
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OBSERVATIONS

* Kidney		Pigmentation	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen	Capsule, Lymphatic	Angiectasis	Minimal
		Congestion	Minimal
	Capsule	Fibrosis	Mild
		Pigmentation	Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Testes * Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Kidney		Casts Protein	Minimal
		Pigmentation	Minimal
		Regeneration	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Minimal
	Capsule	Fibrosis	Moderate
		Pigmentation	Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Minimal

* Liver

Inflammation

Minimal

* Spleen

Capsule, Lymphatic

Angiectasis

Mild

Congestion

Minimal

Capsule

Fibrosis

Moderate

Pigmentation

Hemosiderin, Minimal

[Angiectasis TGLS = 1-1]

[Fibrosis TGLS = 2-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Minimal

* Liver

Bile Duct

Hyperplasia

Minimal

* Spleen

Inflammation

Minimal

Congestion

Minimal

Capsule

Fibrosis

Mild

Pigmentation

Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 136

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Epididymis Note: Empty tubules due to unilateral testicular degeneration account for the small size of this organ as seen grossly (TGL 4).

* Kidney		Casts Protein	Minimal
		Pigmentation	Minimal
		Regeneration	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen	Capsule, Lymphatic	Angiectasis	Mild
		Congestion	Minimal
	Capsule	Fibrosis	Mild
		Pigmentation	Hemosiderin, Minimal

[Angiectasis TGLS = 1-1]

[Fibrosis TGLS = 2-1]

* Testes Degeneration Marked

[Degeneration TGLS = 3-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Minimal

* Liver

Inflammation

Minimal

* Spleen

Pigmentation

Hemosiderin, Minimal

Congestion

Minimal

Capsule

Fibrosis

Mild

Pigmentation

Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138	TRT#: 9	SEX: Male	DAY ON TEST: 187
	DOSE: TOLU-NORTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
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OBSERVATIONS

* Kidney		Pigmentation	Minimal
		Regeneration	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen	Capsule, Lymphatic	Angiectasis	Minimal
		Congestion	Minimal
	Capsule	Fibrosis	Mild
		Pigmentation	Hemosiderin, Minimal

Note: gross cyst (TGL 1) presumed to be a larger cyst than actually found on slide; therefore, NCL entered on IANR. 2 x 2 mm cyst apparently cut away at microtomy
[Fibrosis TGLS = 2-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 139

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

MISSING

* Urinary Bladder

OBSERVATIONS

* Kidney		Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Spleen	Capsule, Lymphatic	Angiectasis	Moderate
		Congestion	Minimal
	Capsule	Fibrosis	Mild

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Minimal

Regeneration

Minimal

* Liver

Inflammation

Minimal

Pigmentation

Hemosiderin, Minimal

* Spleen

Congestion

Minimal

Capsule

Fibrosis

Mild

Pigmentation

Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 141

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Minimal

* Liver

Bile Duct

Hyperplasia

Minimal

* Spleen

Capsule, Lymphatic

Inflammation

Minimal

Angiectasis

Minimal

Congestion

Minimal

Capsule

Fibrosis

Mild

Pigmentation

Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 142

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Minimal

* Liver

Inflammation

Minimal

* Spleen

Capsule, Lymphatic

Pigmentation

Hemosiderin, Minimal

Angiectasis

Moderate

Congestion

Minimal

Capsule

Fibrosis

Mild

Pigmentation

Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143	TRT#: 9	SEX: Male	DAY ON TEST: 187
	DOSE: TOLU-NORTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
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OBSERVATIONS

* Kidney		Pigmentation	Minimal
		Regeneration	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen	Capsule, Lymphatic	Angiectasis	Mild
		Congestion	Minimal
	Capsule	Fibrosis	Mild
		Pigmentation	Hemosiderin, Minimal

[Angiectasis TGLS = 1-1]

[Fibrosis TGLS = 2-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Epididymis

Note: empty epididymis due to atrophied testis resulted in its small size grossly (TGL 3)

* Kidney		Pigmentation	Minimal
		Regeneration	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen	Capsule, Lymphatic	Angiectasis	Mild
		Congestion	Minimal
	Capsule	Fibrosis	Mild
		Pigmentation	Hemosiderin, Minimal
	[Fibrosis TGLS = 1-1]		
* Testes		Degeneration	Marked
	[Degeneration TGLS = 2-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 145

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Testes

* Urinary Bladder

OBSERVATIONS

* Epididymis

Mesothelioma Malignant

* Kidney

Casts Protein

Minimal

Pigmentation

Minimal

Regeneration

Minimal

* Liver

Inflammation

Minimal

* Spleen

Capsule, Lymphatic

Angiectasis

Minimal

Congestion

Minimal

Capsule

Fibrosis

Mild

Pigmentation

Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 146

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Casts Protein

Minimal

Pigmentation

Minimal

Regeneration

Minimal

* Liver

Inflammation

Minimal

Vacuolization Cytoplasmic

Minimal

* Spleen

Capsule, Lymphatic

Angiectasis

Mild

Congestion

Minimal

Capsule

Fibrosis

Mild

Pigmentation

Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147	TRT#: 9	SEX: Male	DAY ON TEST: 187
	DOSE: TOLU-NORTERM-REV	DISP: Terminal Sacrifice	HISTO: 9205227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
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OBSERVATIONS

* Kidney		Pigmentation	Minimal
		Regeneration	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen	Capsule, Lymphatic	Angiectasis	Minimal
		Congestion	Minimal
	Capsule	Fibrosis	Moderate
		Pigmentation	Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Casts Protein

Minimal

Pigmentation

Minimal

* Liver

Inflammation

Minimal

Pigmentation

Hemosiderin, Minimal

* Spleen

Congestion

Minimal

Capsule

Fibrosis

Mild

Pigmentation

Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Casts Protein

Minimal

Pigmentation

Minimal

Regeneration

Minimal

* Liver

Inflammation

Minimal

* Spleen

Capsule, Lymphatic

Angiectasis

Minimal

Congestion

Minimal

Capsule

Fibrosis

Mild

Pigmentation

Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150

TRT#: 9

SEX: Male

DAY ON TEST: 187

DOSE: TOLU-NORTERM-REV

DISP: Terminal Sacrifice

HISTO: 9205230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Inflammation

Minimal

Pigmentation

Minimal

* Liver

Inflammation

Minimal

* Spleen

Capsule, Lymphatic

Angiectasis

Minimal

Congestion

Minimal

Capsule

Fibrosis

Mild

Pigmentation

Hemosiderin, Minimal

[Fibrosis TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 151

TRT#: 10

SEX: Male

DAY ON TEST: 188

DOSE: CONT-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Casts Protein

Minimal

Regeneration

Minimal

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 152

TRT#: 10

SEX: Male

DAY ON TEST: 188

DOSE: CONT-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Inflammation

Minimal

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153	TRT#: 10	SEX: Male	DAY ON TEST: 188
	DOSE: CONT-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
--------------	----------	-------------------

OBSERVATIONS

* Kidney		Regeneration	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 154

TRT#: 10

SEX: Male

DAY ON TEST: 188

DOSE: CONT-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Regeneration

Minimal

* Liver

Inflammation

Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155	TRT#: 10	SEX: Male	DAY ON TEST: 188
	DOSE: CONT-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes	* Urinary Bladder
--------------	----------	-------------------

OBSERVATIONS

* Kidney		Regeneration	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 156

TRT#: 10

SEX: Male

DAY ON TEST: 188

DOSE: CONT-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Regeneration

Minimal

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 157

TRT#: 10

SEX: Male

DAY ON TEST: 188

DOSE: CONT-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Regeneration

Minimal

* Liver

Bile Duct

Hyperplasia

Minimal

* Spleen

Inflammation

Minimal

Pigmentation

Hemosiderin, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 158

TRT#: 10

SEX: Male

DAY ON TEST: 188

DOSE: CONT-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Casts Protein

Minimal

* Liver

Bile Duct

Hyperplasia

Minimal

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159	TRT#: 10	SEX: Male	DAY ON TEST: 188
	DOSE: CONT-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Spleen	* Testes	* Urinary Bladder
--------------	----------	----------	-------------------

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Inflammation	Minimal
		Regeneration	Minimal
* Liver		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 160

TRT#: 10

SEX: Male

DAY ON TEST: 188

DOSE: CONT-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Kidney

* Spleen

* Testes

* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164	TRT#: 11	SEX: Male	DAY ON TEST: 188
	DOSE: NTOL-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Casts Protein	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 1-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Moderate
	[Degeneration TGLS = 2-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 165

TRT#: 11

SEX: Male

DAY ON TEST: 188

DOSE: NTOL-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

MISSING

* Urinary Bladder

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Minimal
		Casts Protein	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 3-1]		
* Spleen	Capsule	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
* Testes		Degeneration	Marked
	[Degeneration TGLS = 1-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168	TRT#: 11	SEX: Male	DAY ON TEST: 188
	DOSE: NTOL-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Hyperplasia	Minimal
Note: mesothelial			
* Kidney		Accumulation, Hyaline Droplet	Mild
		Casts Protein	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 1-1]			
* Spleen	Capsule	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
* Testes		Degeneration	Mild
[Degeneration TGLS = 2-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170	TRT#: 11	SEX: Male	DAY ON TEST: 188
	DOSE: NTOL-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Hyperplasia	Minimal
Note: mesothelial			
* Kidney		Accumulation, Hyaline Droplet	Mild
		Casts Protein	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 1-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Marked
	[Degeneration TGLS = 2-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171	TRT#: 11	SEX: Male	DAY ON TEST: 188
	DOSE: NTOL-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Kidney		Accumulation, Hyaline Droplet	Mild
		Casts Protein	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Mild
	[Vacuolization Cytoplasmic TGLS = 1-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Moderate
	[Degeneration TGLS = 2-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172	TRT#: 11	SEX: Male	DAY ON TEST: 188
	DOSE: NTOL-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Kidney		Accumulation, Hyaline Droplet	Mild
		Casts Protein	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 1-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Mild
	[Degeneration TGLS = 2-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 174

TRT#: 11

SEX: Male

DAY ON TEST: 188

DOSE: NTOL-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis

Mesothelioma Malignant

* Kidney

Accumulation, Hyaline Droplet

Mild

Casts Protein

Minimal

Inflammation

Minimal

Regeneration

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 1-1]

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

* Testes

Degeneration

Mild

[Degeneration TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175	TRT#: 11	SEX: Male	DAY ON TEST: 188
	DOSE: NTOL-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
* Kidney		Accumulation, Hyaline Droplet	Minimal
		Casts Protein	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 1-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Moderate
	[Degeneration TGLS = 2-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 177	TRT#: 11	SEX: Male	DAY ON TEST: 188
	DOSE: NTOL-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Urinary Bladder		
OBSERVATIONS			
* Kidney		Accumulation, Hyaline Droplet	Mild
		Casts Protein	Minimal
		Inflammation	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 1-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
* Testes		Degeneration	Moderate
	Interstit Cell	Hyperplasia	Minimal
	[Degeneration TGLS = 2-2]		
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 178

TRT#: 11

SEX: Male

DAY ON TEST: 188

DOSE: NTOL-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis

Mesothelioma Malignant

Note: bilateral

* Kidney

Accumulation, Hyaline Droplet

Mild

Casts Protein

Minimal

Regeneration

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Moderate

* Testes

Degeneration

Minimal

Tunic

Mesothelioma Malignant

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 179

TRT#: 11

SEX: Male

DAY ON TEST: 188

DOSE: NTOL-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Urinary Bladder

OBSERVATIONS

* Epididymis

Mesothelioma Malignant

Note: bilateral

* Kidney

Accumulation, Hyaline Droplet

Mild

Casts Protein

Minimal

Regeneration

Minimal

* Liver

Oval Cell

Hyperplasia

Minimal

Inflammation

Minimal

Vacuolization Cytoplasmic

Moderate

[Vacuolization Cytoplasmic TGLS = 3-1]

* Spleen

Capsule

Fibrosis

Minimal

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Moderate

* Testes

Degeneration

Moderate

Tunic

Mesothelioma Malignant

[Degeneration TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 180

TRT#: 11

SEX: Male

DAY ON TEST: 188

DOSE: NTOL-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Urinary Bladder

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Mild
		Casts Protein	Minimal
		Regeneration	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
		Inflammation	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Moderate
	[Vacuolization Cytoplasmic TGLS = 1-1]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Moderate
* Testes		Degeneration	Moderate
	Interstit Cell	Hyperplasia	Minimal
	[Degeneration TGLS = 2-2]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 181

TRT#: 12

SEX: Male

DAY ON TEST: 188

DOSE: TOLU-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Mild
		Regeneration	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen	Capsule, Lymphatic	Angiectasis	Minimal
		Congestion	Mild
	Capsule	Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
	[Congestion TGLS = 1-1]		
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182	TRT#: 12	SEX: Male	DAY ON TEST: 188
	DOSE: TOLU-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen	Capsule, Lymphatic	Angiectasis	Minimal
		Congestion	Mild
	Capsule	Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
		Thrombosis	Minimal
	[Congestion TGLS = 1-1]		
* Testes		Inflammation	Minimal
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183

TRT#: 12

SEX: Male

DAY ON TEST: 188

DOSE: TOLU-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184

TRT#: 12

SEX: Male

DAY ON TEST: 188

DOSE: TOLU-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Mild

Regeneration

Minimal

* Liver

Bile Duct

Hyperplasia

Minimal

Inflammation

Minimal

Pigmentation

Hemosiderin, Minimal

* Spleen

Congestion

Mild

Capsule

Fibrosis

Moderate

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

[Congestion TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 185

TRT#: 12

SEX: Male

DAY ON TEST: 188

DOSE: TOLU-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

MISSING

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Moderate

Regeneration

Minimal

* Liver

Bile Duct

Hyperplasia

Minimal

Inflammation

Minimal

Pigmentation

Hemosiderin, Minimal

* Spleen

Capsule, Lymphatic

Angiectasis

Moderate

Congestion

Mild

Capsule

Fibrosis

Mild

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

[Congestion TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 187

TRT#: 12

SEX: Male

DAY ON TEST: 188

DOSE: TOLU-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

OBSERVATIONS

* Kidney

Pigmentation

Mild

* Liver

Inflammation

Minimal

* Spleen

Capsule, Lymphatic

Pigmentation

Hemosiderin, Minimal

Angiectasis

Minimal

Congestion

Mild

Capsule

Fibrosis

Moderate

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

[Congestion TGLS = 1-1]

* Urinary Bladder

Transit Epithe

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188	TRT#: 12	SEX: Male	DAY ON TEST: 188
	DOSE: TOLU-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
	[Congestion TGLS = 1-1]		
* Testes		Degeneration	Minimal
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 189

TRT#: 12

SEX: Male

DAY ON TEST: 188

DOSE: TOLU-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190	TRT#: 12	SEX: Male	DAY ON TEST: 188
	DOSE: TOLU-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
	[Congestion TGLS = 1-1]		
* Testes		Degeneration	Marked
	[Degeneration TGLS = 2-2]		
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 191

TRT#: 12

SEX: Male

DAY ON TEST: 188

DOSE: TOLU-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Mild
		Regeneration	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
		Thrombosis	Minimal
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192	TRT#: 12	SEX: Male	DAY ON TEST: 188
	DOSE: TOLU-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Testes		
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OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 193

TRT#: 12

SEX: Male

DAY ON TEST: 188

DOSE: TOLU-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

OBSERVATIONS

* Kidney

Pigmentation

Mild

* Liver

Bile Duct

Hyperplasia

Minimal

Inflammation

Minimal

Pigmentation

Hemosiderin, Mild

* Spleen

Congestion

Mild

Capsule

Fibrosis

Moderate

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

[Congestion TGLS = 1-1]

* Urinary Bladder

Transit Epithe

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194	TRT#: 12	SEX: Male	DAY ON TEST: 188
	DOSE: TOLU-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Casts Protein	Minimal
		Pigmentation	Mild
		Regeneration	Minimal
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
	[Congestion TGLS = 1-1]		
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 195	TRT#: 12	SEX: Male	DAY ON TEST: 188
	DOSE: TOLU-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Epididymis	* Testes		
OBSERVATIONS			
* Kidney		Pigmentation	Moderate
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07
Test Type: 26-WEEK
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitrotoluene
CAS Number: 88-72-2

Date Report Requested: 10/23/2014
Time Report Requested: 09:01:09
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196

TRT#: 12

SEX: Male

DAY ON TEST: 188

DOSE: TOLU-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Moderate
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal
	[Congestion TGLS = 1-1]		
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05203-07

Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 197

TRT#: 12

SEX: Male

DAY ON TEST: 188

DOSE: TOLU-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis

* Testes

MISSING

* Urinary Bladder

OBSERVATIONS

* Kidney

Pigmentation

Mild

* Liver

Inflammation

Minimal

* Spleen

Capsule, Lymphatic

Pigmentation

Hemosiderin, Minimal

Angiectasis

Minimal

Congestion

Mild

Capsule

Fibrosis

Mild

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

[Congestion TGLS = 1-1]

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SEX: Male

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DOSE: TOLU-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate

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Date Report Requested: 10/23/2014
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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199	TRT#: 12	SEX: Male	DAY ON TEST: 188
	DOSE: TOLU-NORTERM-FUL	DISP: Terminal Sacrifice	HISTO: 9205279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Testes

OBSERVATIONS

* Epididymis		Hyperplasia	Minimal
Note: mesothelial			
* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen	Capsule, Lymphatic	Angiectasis	Minimal
		Congestion	Mild
	Capsule	Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate

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Test Type: 26-WEEK

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitrotoluene

CAS Number: 88-72-2

Date Report Requested: 10/23/2014

Time Report Requested: 09:01:09

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 200

TRT#: 12

SEX: Male

DAY ON TEST: 188

DOSE: TOLU-NORTERM-FUL

DISP: Terminal Sacrifice

HISTO: 9205280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis * Testes

OBSERVATIONS

* Kidney		Pigmentation	Mild
* Liver		Inflammation	Minimal
		Pigmentation	Hemosiderin, Minimal
* Spleen		Congestion	Mild
	Capsule	Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Minimal
[Congestion TGLS = 1-1]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE