

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

F1_RD

C Number: C20301

Lock Date: 12/23/2009

Cage Range: ALL

Date Range: ALL

Reasons For Removal: 25021 TSAC

Removal Date Range: ALL

Treatment Groups: Include 001 0 PPM

Include 002 625 PPM

Include 003 1250 PPM

Include 004 2500 PPM

Include 005 5000 PPM

Include 006 10000 PPM

Include 007 0 PPM

Include 008 625 PPM

Include 009 1250 PPM

Include 010 2500 PPM

Include 011 5000 PPM

Include 012 10000 PPM

Study Gender: Both

TDMSE Version: 2.4.0.0_003

PWG Approval Date: NONE

TDMS No. 20301 - 03
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p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 1

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Tongue
* Trachea	* Urinary Bladder		

MISSING

* Preputial Gland

OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
* Lung	Hemorrhage	Minimal

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First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 2

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Tongue | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

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First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 3

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
Pleura	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney	Inflammation	Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal

TDMS No. 20301 - 03
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 4

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Tongue
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic, Minimal

TDMS No. 20301 - 03
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 5

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Kidney | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Testes | * Thymus | * Thyroid Gland | * Tongue |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|----------------------|--------|-----------------------|----------------------------|
| * Heart | | Infiltration Cellular | Histiocyte, Focal, Minimal |
| * Liver | | Inflammation | Chronic, Minimal |
| * Stomach, Glandular | Glands | Ectasia | Focal, Minimal |

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First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 6

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Mild
* Liver	Inflammation	Chronic, Minimal
* Lung	Infiltration Cellular	Histiocyte, Minimal
	Inflammation	Chronic Active, Minimal
* Preputial Gland	Inflammation	Chronic, Minimal

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First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 7

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Tongue	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver

Inflammation

Chronic, Minimal

TDMS No. 20301 - 03
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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CAS Number: 70-55-3

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Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 8

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Liver | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thymus | * Thyroid Gland | * Tongue | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|-------------------|----------------|------------------|
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Nephropathy | Minimal |
| * Preputial Gland | Inflammation | Chronic, Minimal |

TDMS No. 20301 - 03
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Lab: MBA

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic, Minimal

TDMS No. 20301 - 03
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p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
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First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 10

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart	Infiltration Cellular	Histiocyte, Focal, Minimal
* Liver	Inflammation	Chronic, Minimal

TDMS No. 20301 - 03
Test Type: 90-DAY
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Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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CAS Number: 70-55-3

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First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 11

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 11

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

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First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 12

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 12

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

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First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 13

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 13

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

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First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 14

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 14

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 15

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 15

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

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First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 16

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 16

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

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Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 17

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 17

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 18

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 18

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 19

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 19

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 20

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 20

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 21

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 21

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 22

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 22

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 23

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 23

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 24

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 24

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 25

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 25

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 26

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 26

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 27

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 27

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 28

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 28

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 29

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 29

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 30

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 30

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 31

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 31

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 32

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 32

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 33

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 33

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 34

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 34

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 35

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 35

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 36

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 36

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 37

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 37

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 38

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 38

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 39

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 39

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 40

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 40

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 41

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 41

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 42

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 42

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 43

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 43

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 44

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 44

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 45

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 45

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 46

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 46

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 47

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 47

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 48

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 48

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 49

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 49

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 50

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 50

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 51

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 51

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic, Minimal

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 52

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 52

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Tongue
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart	Infiltration Cellular	Histiocyte, Focal, Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 53

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 53

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
* Lung	Hemorrhage	Minimal

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 54

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 54

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Tongue
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Moderate
* Thymus		

Note: Minimal congestion. Did not find term in available glossary.

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 55

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 55

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Testes	Metaplasia	Cartilagenous, Focal, Minimal

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 56

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 56

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Inflammation	Chronic, Minimal
* Stomach, Glandular	Glands	Ectasia	Focal, Minimal

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 57

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 57

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Testes	Atrophy	Mild

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 58

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 58

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Liver | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Tongue | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | |
|----------|----------------|---------|
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Nephropathy | Minimal |

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 59

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 59

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Hemorrhage	Minimal

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 60

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 60

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Moderate

[Inflammation TGLs = 1-5]

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 61

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 61

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
* Ovary		

Note: TGL 1-14, no lesion for cyst observed grossly.

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 62

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 62

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Tongue | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 63

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 63

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Tongue | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 64

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 64

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland	Inflammation	Chronic, Minimal
* Harderian Gland	Inflammation	Chronic, Mild
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic, Minimal
* Stomach, Glandular	Hyperplasia	Basal Cell, Minimal

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 65

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 65

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
* Ovary	Cyst	Focal, Moderate

[Cyst TGLs = 1-14]

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 66

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 66

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
* Spleen	Ectopic Tissue	
[Ectopic Tissue TGLs = 1-7]		

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 67

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 67

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney	Pelvis	Dilatation	Focal, Mild
* Liver		Inflammation	Chronic, Mild
* Uterus	Bilateral	Hydrometra	Mild

Note: Selected hydrometra as term dialation not available.

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 68

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 68

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Tongue
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Uterus	Bilateral	Hydrometra	Mild

Note: Selected hydrometra as term dialation not available.

[Hydrometra TGLs = 1-14]

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 69

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 69

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Tongue | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 70

TRT#: 7

SEX: Female

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 70

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Kidney | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Tongue | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | |
|---------|----------------|---------------|
| * Heart | Cardiomyopathy | Minimal |
| * Liver | Inflammation | Chronic, Mild |

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 71

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 71

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 72

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 72

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 73

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 73

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 74

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 74

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 75

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 75

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 76

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 76

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 77

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 77

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 78

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 78

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 79

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 79

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 80

TRT#: 8

SEX: Female

DAY ON TEST: 92

DOSE: 625 PPM

DISP: Terminal Sacrifice

HISTO: 80

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 81

TRT#: 9

SEX: Female

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 81

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 82

TRT#: 9

SEX: Female

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 82

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 83

TRT#: 9

SEX: Female

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 83

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 84

TRT#: 9

SEX: Female

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 84

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 85

TRT#: 9

SEX: Female

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 85

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 86

TRT#: 9

SEX: Female

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 86

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 87

TRT#: 9

SEX: Female

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 87

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 88

TRT#: 9

SEX: Female

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 88

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 89

TRT#: 9

SEX: Female

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 89

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 90

TRT#: 9

SEX: Female

DAY ON TEST: 92

DOSE: 1250 PPM

DISP: Terminal Sacrifice

HISTO: 90

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 91

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 91

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 92

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 92

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 93

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 93

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 94

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 94

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 95

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 95

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 96

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 96

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 97

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 97

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 98

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 98

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 99

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 99

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 100

TRT#: 10

SEX: Female

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 100

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 101

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 101

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 102

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 102

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 103

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 103

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 104

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 104

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 105

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 105

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 106

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 106

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 107

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 107

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 108

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 108

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 109

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 109

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 110

TRT#: 11

SEX: Female

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 110

*** NECROPSIED - NO MICROSCOPIC EXAMINATION

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Tongue
* Trachea	* Urinary Bladder	* Uterus	

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Tongue | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | |
|---------|--------------|------------------|
| * Liver | Inflammation | Chronic, Minimal |
|---------|--------------|------------------|

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 113

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver

Hepatodiaphragmatic Nodule
Inflammation

Chronic, Minimal

Note: TGL 1-7, liver median lobe nodule represents diaphragmatic herniation.

[Hepatodiaphragmatic Nodule TGLs = 1-7]

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
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TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Tongue | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|------------|--------|--------------|------------------|
| * Liver | | Inflammation | Chronic, Minimal |
| * Pancreas | Acinus | Atrophy | Minimal |

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Harderian Gland	Inflammation	Chronic, Minimal
* Liver	Inflammation	Chronic, Minimal

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Tongue	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver

Inflammation

Chronic, Minimal

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Tongue	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
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TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide

CAS Number: 70-55-3

Date Report Requested: 05/19/2011

Time Report Requested: 12:43:46

First Dose M/F: 10/17/06 / 10/18/06

Lab: MBA

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver	Inflammation	Chronic, Minimal
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Inflammation	Chronic, Minimal

TDMS No. 20301 - 03
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: RATS/F344/N Tac

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

p-Toluenesulfonamide
CAS Number: 70-55-3

Date Report Requested: 05/19/2011
Time Report Requested: 12:43:46
First Dose M/F: 10/17/06 / 10/18/06
Lab: MBA

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 10000 PPM

DISP: Terminal Sacrifice

HISTO: 120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Tongue	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Mild

*** END OF REPORT ***