

Experiment Number: 05135-04
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene
CAS Number: 78-79-5

Date Report Requested: 10/20/2014
Time Report Requested: 11:25:59
First Dose M/F: NA / NA
Lab: BNW

C Number:	C61825
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Blood Vessel Note: Aorta is normal.		
* Liver	Necrosis	Minimal
* Lym Node Bron Note: Tracheobronchial lymph node is normal.		
* Perph Nerve Note: Sciatic nerve is normal.		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Blood Vessel
Note: Aorta is normal.

* Lym Node Bron
Note: Tracheobronchial lymph node is normal.

* Perph Nerve
Note: Sciatic nerve is normal.

* Urin Bladder
Note: TGL 1 is related to apparent seminal fluid and not considered a significant finding.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Isoprene
CAS Number: 78-79-5

Date Report Requested: 10/20/2014
Time Report Requested: 11:25:59
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 3	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 93 HISTO: 19533
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Blood Vessel Note: Aorta is normal.			
* Kidney [Hydronephrosis TGLS = 1-5]	Bilateral	Hydronephrosis	Minimal
* Lym Node Bron Note: Tracheobronchial lymph node is normal.			
* Perph Nerve Note: Sciatic nerve is normal.			
* Stom Forestom Note: TGL 2 was produced by apparent artificial rupture of the muscularis of the forestomach and protrusion of inner tissue. This is not considered a lesion.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Blood Vessel
Note: Aorta is normal.

* Lym Node Bron
Note: Tracheobronchial lymph node is normal.

* Perph Nerve
Note: Sciatic nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Peripheral Nerve
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OBSERVATIONS

* Blood Vessel Note: Aorta is normal.			
* Lung Note: Tracheobronchial lymph node is normal.		Hemorrhage	Minimal
* Lym Node Bron Note: Sciatic nerve is missing			
* Perph Nerve			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skeletal Muscle	* Skin	* Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Blood Vessel	* Mammary Gland	* Urinary Bladder
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OBSERVATIONS

* Blood Vessel
Note: Aorta is missing

* Lym Node Bron
Note: Tracheobronchial lymph node is normal.

* Perph Nerve
Note: Sciatic Nerve is normal.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Larynx | * Liver | * Lung |
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Peripheral Nerve | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skeletal Muscle | * Skin | * Spinal Cord | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- | | | |
|--------------|---------------------------|-----------------|
| * Epididymis | * Lymph Node, Mediastinal | * Mammary Gland |
|--------------|---------------------------|-----------------|

OBSERVATIONS

- * Blood Vessel
Note: Aorta is normal.
- * Lym Node Bron
Note: Tracheobronchial lymph node is normal.
- * Perph Nerve
Note: Sciatic nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Liver |
| * Lung | * Lymph Node, Bronchial | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Peripheral Nerve | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skeletal Muscle | * Skin | * Spinal Cord | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- | | | |
|--------------------------|---------------------------|-----------------|
| * Lymph Node, Mandibular | * Lymph Node, Mediastinal | * Mammary Gland |
|--------------------------|---------------------------|-----------------|

OBSERVATIONS

- * Blood Vessel
Note: Aorta is normal.
- * Lym Node Bron
Note: Tracheobronchial lymph node is normal.
- * Perph Nerve
Note: Sciatic Nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Blood Vessel
Note: Aorta is normal.

* Lym Node Bron
Note: Tracheobronchial lymph node is normal.

* Perph Nerve
Note: Sciatic nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Liver |
| * Lung | * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mediastinal |
| * Lymph Node, Mesenteric | * Nose | * Pancreas | * Parathyroid Gland |
| * Peripheral Nerve | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skeletal Muscle | * Skin |
| * Spinal Cord | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymsus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- * Blood Vessel
Note: Aorta is normal.
- * Lym Node Bron
Note: Tracheobronchial lymph node is normal.
- * Perph Nerve
Note: Sciatic nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 201

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19831

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 202

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19832

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 203

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19833

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 204

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19834

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 205

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19835

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 206

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19836

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 207

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19837

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 208

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19838

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 209

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19839

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 210

TRT#: 3

SEX: Male

DAY ON TEST: 93

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19840

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 401

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19771

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 402

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19772

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 403

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19773

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 404

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

Stomach, Forestomach

* Testes

* Thymus

OBSERVATIONS

Stom Forestom

Note: Tgl 1 is related to an artifactual rent in the muscularis and is not considered a lesion.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 405

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19775

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 406

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19776

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

* Liver

Basophilic Focus

[Basophilic Focus TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 407

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19777

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 408

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19778

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 409

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19779

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 410

TRT#: 5

SEX: Male

DAY ON TEST: 93

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19780

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 601

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 602

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 603

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Moderate

[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 604

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 605

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 606

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 607

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 608

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 609

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

* Liver

Note: No lesion seen to account for tgl 1.

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 610

TRT#: 7

SEX: Male

DAY ON TEST: 93

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 801

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 802

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

* Liver

Stomach, Forestomach

Epithelium

Vacuolization Cytoplasmic

Hyperplasia

Mild

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 803

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 804

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19654

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 805

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 806

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 807

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 808

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Lung

* Testes

* Thymus

OBSERVATIONS

* Liver

Vacuolization Cytoplasmic

Mild

* Spleen

Pigmentation

Melanin, Mild

Note: Melanosis on slide 4 not considered significant.

[Pigmentation TGLS = 1-4]

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 809

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Lung

* Spleen

* Testes

* Thymus

OBSERVATIONS

* Liver

Stomach, Forestomach

Epithelium

Vacuolization Cytoplasmic

Hyperplasia

Mild

Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 810

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Testes

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1001

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Esophagus	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Peripheral Nerve		

OBSERVATIONS

* Blood Vessel			
Note: Aorta is normal.			
* Liver		Vacuolization Cytoplasmic	Mild
* Lym Node Bron			
Note: Tracheobronchial lymph node is missing.			
* Nose	Olfactory Epi, Turbinate	Degeneration	Mild
* Perph Nerve			
Note: Sciatic nerve is missing.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1002

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	
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OBSERVATIONS

* Blood Vessel			
Note: Aorta is normal.			
* Liver		Vacuolization Cytoplasmic	Mild
* Lym Node Bron			
Note: Tracheobronchial lymph node is normal.			
* Nose	Olfactory Epi, Turbinate	Degeneration	Mild
* Perph Nerve			
Note: Sciatic Nerve is normal.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-8]			
* Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1003

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Peripheral Nerve
* Prostate			

OBSERVATIONS

* Blood Vessel Note: Aorta is normal.			
* Liver		Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Lym Node Bron Note: Tracheobronchial lymph node is normal.			
* Nose	Olfactory Epi, Turbinate	Degeneration	Mild
* Perph Nerve Note: Sciatic nerve is missing.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1004

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Blood Vessel			
Note: Aorta is normal.			
* Liver		Vacuolization Cytoplasmic	Minimal
* Lym Node Bron			
Note: Tracheobronchial lymph node is normal.			
* Nose	Olfactory Epi, Turbinate	Degeneration	Minimal
* Perph Nerve			
Note: Sciatic nerve is normal.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1005

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle	* Skin
* Spinal Cord	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Peripheral Nerve
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OBSERVATIONS

* Blood Vessel Note: Aorta is normal.			
* Liver		Vacuolization Cytoplasmic	Mild
* Lym Node Bron Note: Tracheobronchial lymph node is normal.			
* Nose	Olfactory Epi, Turbinate	Degeneration	Mild
* Perph Nerve Note: Sciatic nerve is missing.			
* Stomach, Forestomach [Hyperplasia TGLS = 2-8]	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1006

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Blood Vessel			
Note: Aorta is normal.			
* Liver		Vacuolization Cytoplasmic	Mild
* Lym Node Bron			
Note: Tracheobronchial lymph node is missing.			
* Nose	Olfactory Epi, Turbinate	Degeneration	Mild
* Perph Nerve			
Note: Sciatic nerve is normal.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Testes		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1007

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Peripheral Nerve
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Epididymis	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Pituitary Gland			

OBSERVATIONS

* Blood Vessel			
Note: Aorta is normal.			
* Liver		Vacuolization Cytoplasmic	Mild
* Lym Node Bron			
Note: Tracheobronchial lymph node is normal.			
* Nose	Olfactory Epi, Turbinate	Degeneration	Mild
* Perph Nerve			
Note: Sciatic nerve is normal.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1008

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skeletal Muscle
* Skin	* Spinal Cord	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Blood Vessel			
Note: Aorta is normal.			
* Liver		Vacuolization Cytoplasmic	Mild
* Lym Node Bron			
Note: Tracheobronchial lymph node is missing.			
* Nose	Olfactory Epi, Turbinate	Degeneration	Minimal
* Perph Nerve			
Note: Sciatic nerve is normal.			
* Spleen		Pigmentation	Mild
[Pigmentation TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1009

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

- * Mammary Gland

OBSERVATIONS

* Blood Vessel			
Note: Aorta is normal.			
* Liver		Vacuolization Cytoplasmic	Minimal
* Lym Node Bron			
Note: Tracheobronchial lymph node is normal.			
* Nose	Olfactory Epi, Turbinate	Degeneration	Mild
* Perph Nerve			
Note: Sciatic nerve is normal.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1010

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Lung |
| * Lymph Node, Bronchial | * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland |
| * Peripheral Nerve | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skeletal Muscle | * Skin |
| * Spinal Cord | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | | |
|--------------------------|---------------------------|-----------------|
| * Lymph Node, Mandibular | * Lymph Node, Mediastinal | * Mammary Gland |
|--------------------------|---------------------------|-----------------|

OBSERVATIONS

- | | | | |
|---|--------------------------|---------------------------|---------|
| * Blood Vessel
Note: Aorta is normal. | | | |
| * Liver | | Vacuolization Cytoplasmic | Mild |
| * Lym Node Bron
Note: Tracheobronchial lymph node is normal. | | | |
| * Nose | Olfactory Epi, Turbinate | Degeneration | Minimal |
| * Perph Nerve
Note: Sciatic nerve is normal. | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 101

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	* Vagina	

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
---------------------------	---------------------

OBSERVATIONS

* Blood Vessel
Note: Aorta is normal.

* Lym Node Bron
Note: Tracheobronchial lymph node is normal.

* Perph Nerve
Note: Sciatic nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:25:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 102

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	* Vagina

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Blood Vessel
Note: Aorta is normal.

* Lym Node Bron
Note: Tracheobronchial lymph node is normal.

* Perph Nerve
Note: Sciatic nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 103

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 94

HISTO: 19583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Liver |
| * Lung | * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Peripheral Nerve | * Pituitary Gland | * Salivary Glands |
| * Skeletal Muscle | * Skin | * Spinal Cord | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | * Vagina |

MISSING

- * Lymph Node, Mediastinal

OBSERVATIONS

- * Blood Vessel
Note: Aorta is normal.
- * Lym Node Bron
Note: Tracheobronchial lymph node is normal.
- * Perph Nerve
Note: Sciatic nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 104

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 94

HISTO: 19584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Liver |
| * Lung | * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skeletal Muscle | * Skin |
| * Spinal Cord | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | * Vagina | | |

MISSING

- | | |
|---------------------------|--------------------|
| * Lymph Node, Mediastinal | * Peripheral Nerve |
|---------------------------|--------------------|

OBSERVATIONS

- | | | | |
|--|-------|-------------|----------|
| * Blood Vessel | | | |
| Note: Aorta is normal. | | | |
| * Lym Node Bron | | | |
| Note: Tracheobronchial lymph node is normal. | | | |
| Lymph Node | Renal | Hyperplasia | Moderate |
| [Hyperplasia TGLS = 1-5] | | | |
| * Ovary | | Abscess | |
| [Abscess TGLS = 2-7] | | | |
| * Perph Nerve | | | |
| Note: Sciatic nerve is missing. | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 105

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 94

HISTO: 19585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Larynx | * Liver | * Lung |
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Peripheral Nerve | * Salivary Glands | * Skeletal Muscle | * Skin |
| * Spinal Cord | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | * Vagina | | |

MISSING

- | | | |
|------------------|---------------------------|-------------------|
| * Clitoral Gland | * Lymph Node, Mediastinal | * Pituitary Gland |
|------------------|---------------------------|-------------------|

OBSERVATIONS

- * Blood Vessel
Note: Aorta is normal.
- * Lym Node Bron
Note: Tracheobronchial lymph node is normal.
- * Perph Nerve
Note: Sciatic nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 106

TRT#: 2

DOSE: CONTROL

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 94

HISTO: 19586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Bone Marrow
- * Gallbladder
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Lung
- * Nose
- * Peripheral Nerve
- * Skin
- * Stomach, Glandular
- * Urinary Bladder
- * Adrenal Medulla
- * Brain
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Lymph Node, Bronchial
- * Ovary
- * Pituitary Gland
- * Spinal Cord
- * Thymus
- * Uterus
- * Blood Vessel
- * Clitoral Gland
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Larynx
- * Lymph Node, Mesenteric
- * Pancreas
- * Salivary Glands
- * Spleen
- * Thyroid Gland
- * Vagina
- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Liver
- * Mammary Gland
- * Parathyroid Gland
- * Skeletal Muscle
- * Stomach, Forestomach
- * Trachea

MISSING

- * Lymph Node, Mandibular
- * Lymph Node, Mediastinal

OBSERVATIONS

- * Blood Vessel
Note: Aorta is normal.
- * Lym Node Bron
Note: Tracheobronchial lymph node is normal.
- * Perph Nerve
Note: Sciatic nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 107

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|---------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Liver |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mediastinal | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Peripheral Nerve | * Pituitary Gland | * Salivary Glands |
| * Skeletal Muscle | * Skin | * Spinal Cord | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | * Vagina |

MISSING

- * Lymph Node, Bronchial

OBSERVATIONS

- * Blood Vessel
Note: Aorta is normal.
- * Lym Node Bron
Note: Tracheobronchial lymph node is missing.
- * Perph Nerve
Note: Sciatic nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 108

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	* Vagina	

MISSING

* Lymph Node, Mediastinal	* Peripheral Nerve
---------------------------	--------------------

OBSERVATIONS

* Blood Vessel
Note: Aorta is normal.

* Lym Node Bron
Note: Tracheobronchial lymph node is normal.

* Perph Nerve
Note: Sciatic nerve is missing.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 109

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	* Vagina	

MISSING

* Clitoral Gland	* Lymph Node, Bronchial
------------------	-------------------------

OBSERVATIONS

* Blood Vessel
Note: Aorta is normal.

* Lym Node Bron
Note: Tracheobronchial lymph node is missing.

* Perph Nerve
Note: Sciatic nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 110

TRT#: 2

SEX: Female

DAY ON TEST: 94

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 19590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Liver |
| * Lung | * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Peripheral Nerve | * Pituitary Gland | * Salivary Glands |
| * Skeletal Muscle | * Skin | * Spinal Cord | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | * Vagina |

MISSING

- * Lymph Node, Mediastinal

OBSERVATIONS

- * Blood Vessel
Note: Aorta is normal.
- * Lym Node Bron
Note: Tracheobronchial lymph node is normal.
- * Perph Nerve
Note: Sciatic nerve is normal.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19881

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19882

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19884

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19885

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19886

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19887

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19888

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19889

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 94

DOSE: 70 PPM

DISP: Terminal Sacrifice

HISTO: 19890

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 501

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19821

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 502

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19822

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 503

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19823

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 504

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19824

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 505

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19825

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 506

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Ovary

Teratoma Nos

[Teratoma Nos TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 507

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19827

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 508

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19828

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 509

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19829

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 510

TRT#: 6

SEX: Female

DAY ON TEST: 94

DOSE: 220 PPM

DISP: Terminal Sacrifice

HISTO: 19830

ORGAN AND ACCOUNTABLE SITE STATUS

PRESENT BUT NOT EXAMINED

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 701

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 702

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 703

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Thymus

OBSERVATIONS

* Spleen

Pigmentation

Melanin, Mild

[Pigmentation TGLS = 1-4]

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 704

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 705

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 706

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 707

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 708

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 709

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 710

TRT#: 8

SEX: Female

DAY ON TEST: 94

DOSE: 700 PPM

DISP: Terminal Sacrifice

HISTO: 19770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 901

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 902

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Thymus

OBSERVATIONS

* Spleen

Pigmentation

Melanin, Minimal

[Pigmentation TGLS = 1-4]

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 903

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 904

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

[Hyperplasia TGLS = 2-8]

* Thymus

Note: No lesions to account for tgl 1.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 905

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 906

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 907

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 908

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

Stomach, Forestomach

* Thymus

OBSERVATIONS

Stom Forestom

Note: No lesion found to account for tgl 2.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 909

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 910

TRT#: 10

SEX: Female

DAY ON TEST: 94

DOSE: 2200 PPM

DISP: Terminal Sacrifice

HISTO: 19710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain

* Heart

* Kidney

* Liver

* Lung

* Spleen

* Thymus

OBSERVATIONS

Stomach, Forestomach

Epithelium

Hyperplasia

Mild

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1101

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Larynx | * Liver | * Lung |
| * Lymph Node, Bronchial | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Peripheral Nerve |
| * Pituitary Gland | * Salivary Glands | * Skeletal Muscle | * Skin |
| * Spinal Cord | * Spleen | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |
| * Vagina | | | |

MISSING

- | | | |
|------------------|--------------------------|---------------------------|
| * Clitoral Gland | * Lymph Node, Mandibular | * Lymph Node, Mediastinal |
|------------------|--------------------------|---------------------------|

OBSERVATIONS

- | | | | |
|---|------------|-------------|--------|
| * Blood Vessel
Note: Aorta is normal. | | | |
| * Lym Node Bron
Note: Tracheobronchial lymph node is normal. | | | |
| * Perph Nerve
Note: Sciatic nerve is normal. | | | |
| * Stomach, Forestomach
[Hyperplasia TGLS = 1-8] | Epithelium | Hyperplasia | Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1102

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Lung |
| * Lymph Node, Bronchial | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Peripheral Nerve | * Pituitary Gland | * Salivary Glands | * Skeletal Muscle |
| * Skin | * Spinal Cord | * Spleen | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | * Vagina | | |

MISSING

- * Lymph Node, Mediastinal

OBSERVATIONS

- * Blood Vessel
Note: Aorta is normal.
- * Liver
Vacuolization Cytoplasmic
Mild
- * Lym Node Bron
Note: Tracheobronchial lymph node is normal.
- * Perph Nerve
Note: Sciatic nerve is normal.
- * Stomach, Forestomach
Epithelium
Hyperplasia
Marked
[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1103

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	* Vagina		

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
---------------------------	---------------------

OBSERVATIONS

* Blood Vessel
Note: Aorta is normal.

* Lym Node Bron
Note: Tracheobronchial lymph node is normal.

* Perph Nerve
Note: Sciatic nerve is normal.

* Stomach, Forestomach Epithelium Hyperplasia Marked
[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1104

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	* Vagina	

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Blood Vessel

Note: Aorta is normal.

* Lym Node Bron

Note: Tracheobronchial lymph node is normal.

* Perph Nerve

Note: Sciatic Nerve is normal.

* Stomach, Forestomach

Epithelium

Hyperplasia

Marked

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1105

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	* Vagina	

OBSERVATIONS

* Blood Vessel			
Note: Aorta is normal			
* Lym Node Bron			
Note: Tracheobronchial lymph node is normal.			
* Nose	Turbinate	Inflammation	Suppurative, Minimal
* Perph Nerve			
Note: Sciatic nerve is normal.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1106

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	* Vagina		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Blood Vessel			
Note: Aorta is normal.			
* Lym Node Bron			
Note: Tracheobronchial lymph node is missing.			
* Perph Nerve			
Note: Sciatic nerve is normal.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1107

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Larynx	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Skeletal Muscle	* Skin	* Spinal Cord	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	* Vagina	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Blood Vessel			
Note: Aorta is normal.			
* Lym Node Bron			
Note: Tracheobronchial lymph node is normal.			
* Perph Nerve			
Note: Sciatic nerve is normal.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1108

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Larynx	* Liver	* Lung
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Peripheral Nerve	* Pituitary Gland	* Salivary Glands	* Skeletal Muscle
* Skin	* Spinal Cord	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	* Vagina		

MISSING

* Clitoral Gland	* Lymph Node, Mediastinal
------------------	---------------------------

OBSERVATIONS

* Blood Vessel			
Note: Aorta is normal.			
* Lym Node Bron			
Note: Tracheobronchial lymph node is normal.			
* Perph Nerve			
Note: Sciatic nerve is normal.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1109

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Liver |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Peripheral Nerve |
| * Pituitary Gland | * Salivary Glands | * Skeletal Muscle | * Skin |
| * Spinal Cord | * Spleen | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |
| * Vagina | | | |

MISSING

- | | | |
|-------------------------|---------------------------|---------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mediastinal | * Parathyroid Gland |
|-------------------------|---------------------------|---------------------|

OBSERVATIONS

- | | | | |
|---|------------|-------------|------|
| * Blood Vessel | | | |
| Note: Aorta is normal. | | | |
| * Lym Node Bron | | | |
| Note: Tracheobronchial lymph node is missing. | | | |
| * Perph Nerve | | | |
| Note: Sciatic nerve is normal. | | | |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Mild |
| [Hyperplasia TGLS = 1-8] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05135-04

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Isoprene

CAS Number: 78-79-5

Date Report Requested: 10/20/2014

Time Report Requested: 11:26:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1110

TRT#: 12

SEX: Female

DAY ON TEST: 94

DOSE: 7000 PPM

DISP: Terminal Sacrifice

HISTO: 19650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Larynx | * Liver |
| * Lung | * Lymph Node, Bronchial | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Peripheral Nerve | * Pituitary Gland | * Salivary Glands | * Skeletal Muscle |
| * Skin | * Spinal Cord | * Spleen | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | * Vagina | | |

MISSING

- | | |
|--------------------------|---------------------------|
| * Lymph Node, Mandibular | * Lymph Node, Mediastinal |
|--------------------------|---------------------------|

OBSERVATIONS

- | | | | |
|--|------------|-------------|------|
| * Blood Vessel | | | |
| Note: Aorta is normal. | | | |
| * Lym Node Bron | | | |
| Note: Tracheobronchial lymph node is normal. | | | |
| * Perph Nerve | | | |
| Note: Sciatic nerve is normal. | | | |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Mild |
| [Hyperplasia TGLS = 1-8] | | | |

PRIMARY CAUSE OF DEATH

-

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE